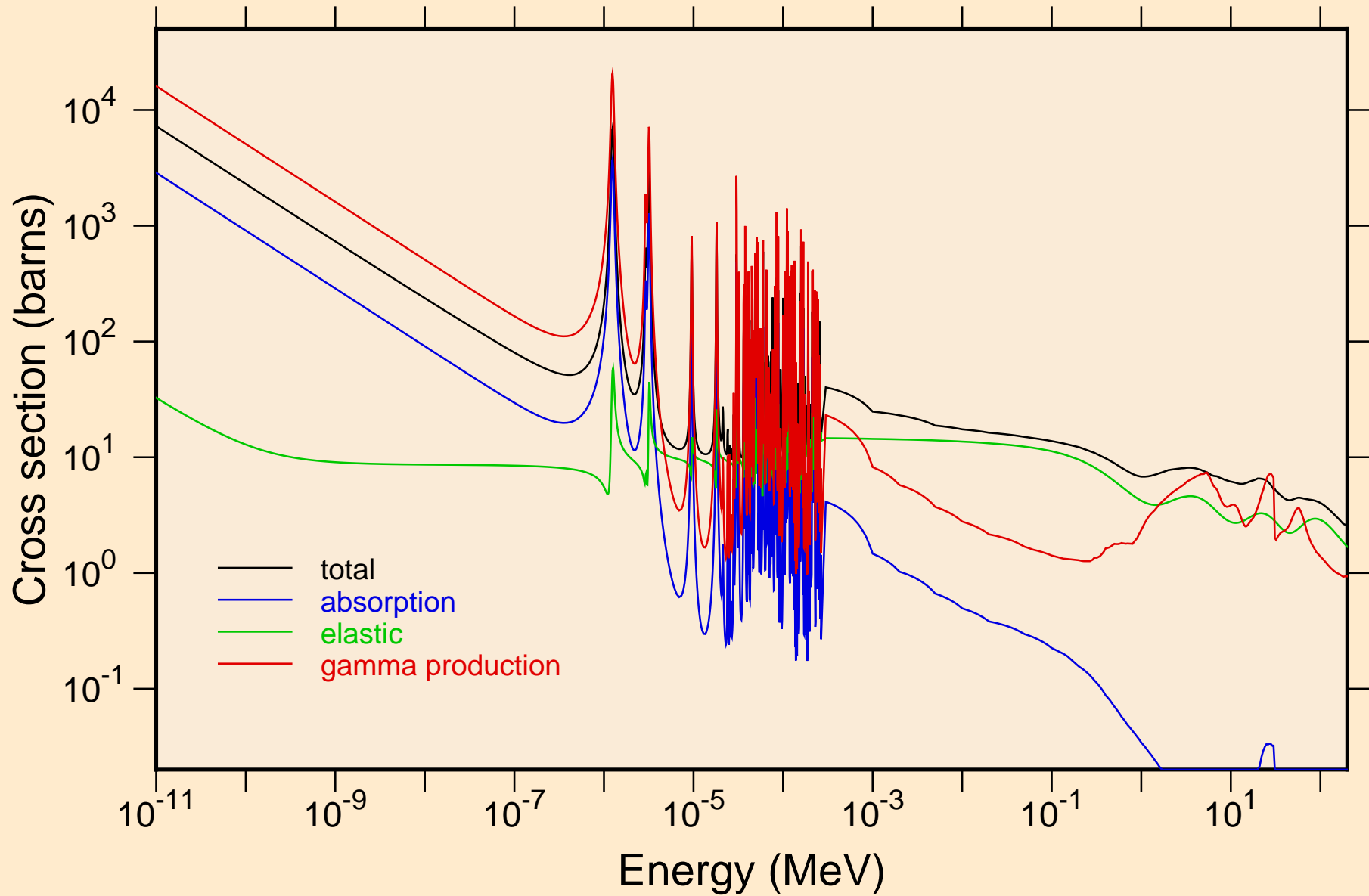
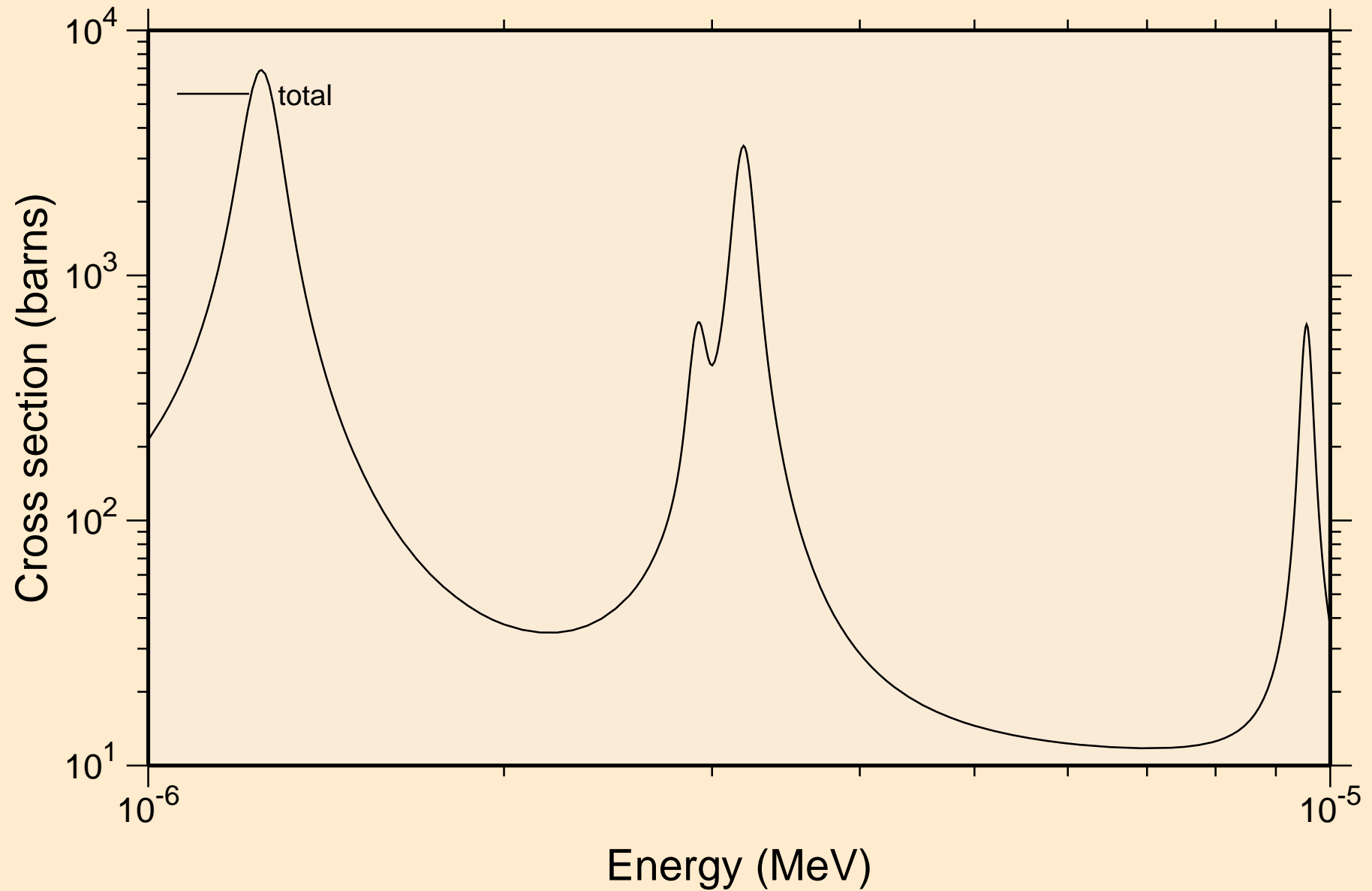


# CM247 NRG TENDL-2016, AKONING

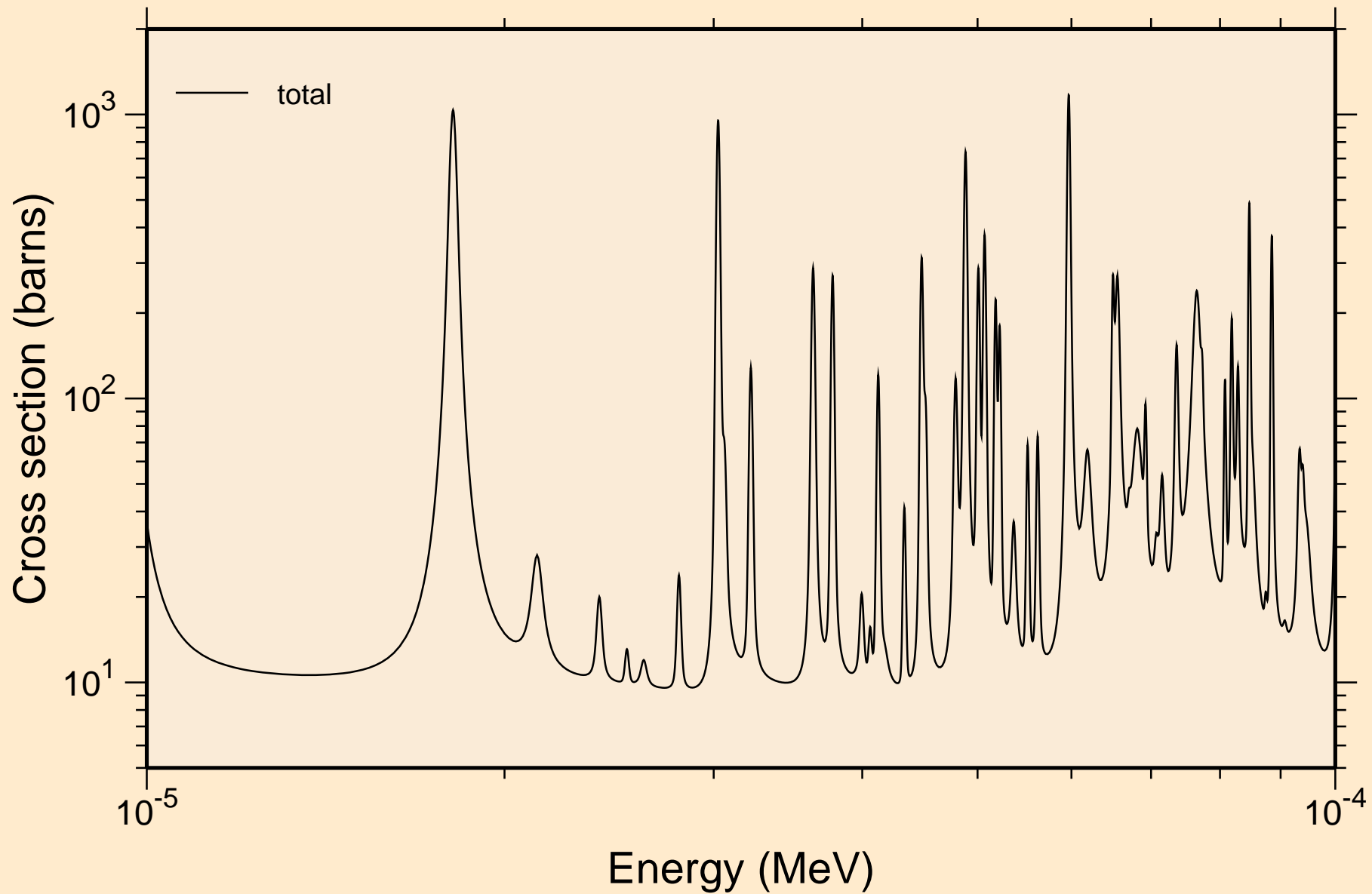
## Principal cross sections



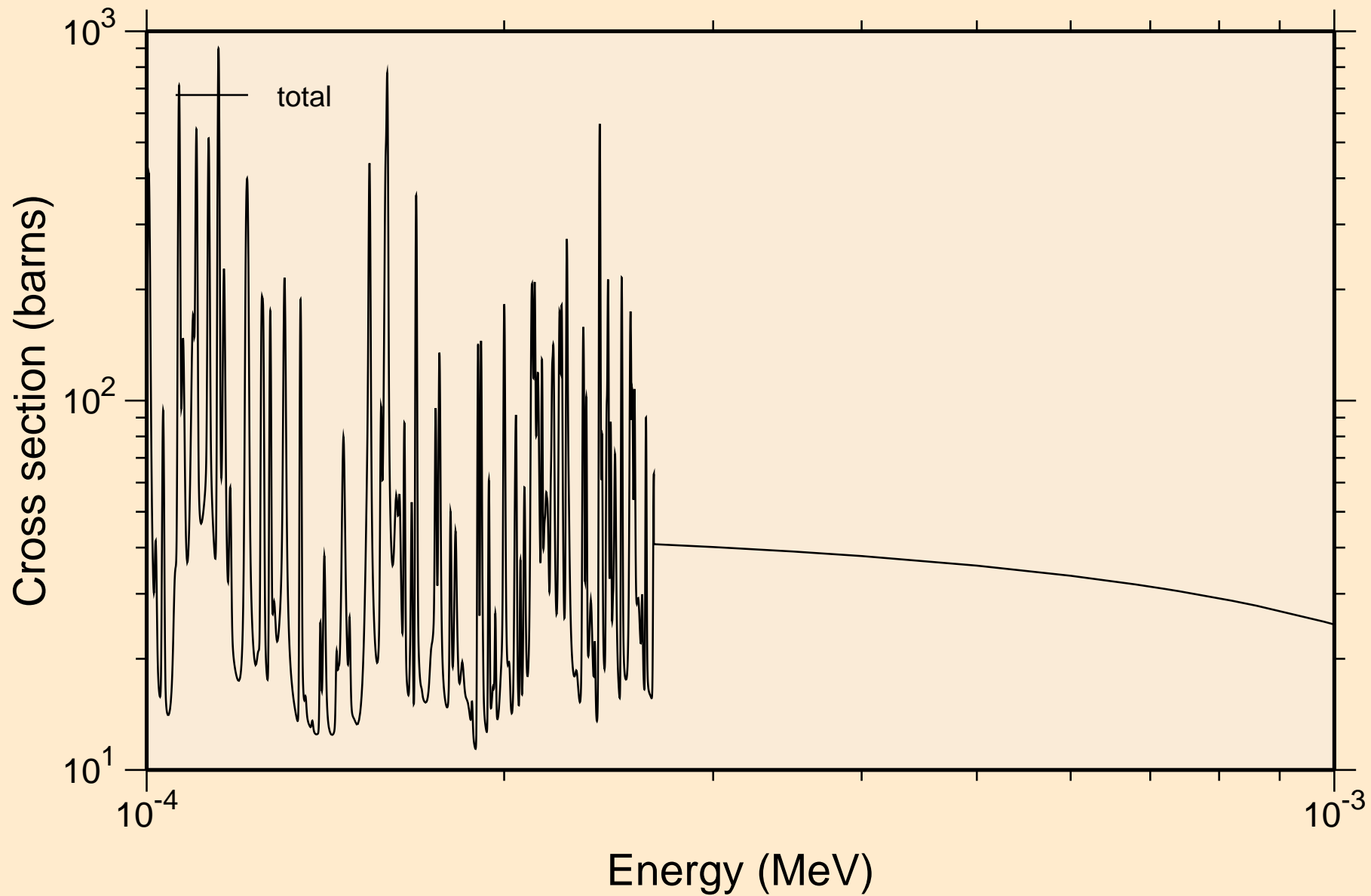
CM247 NRG TENDL-2016, AKONING  
resonance total cross section



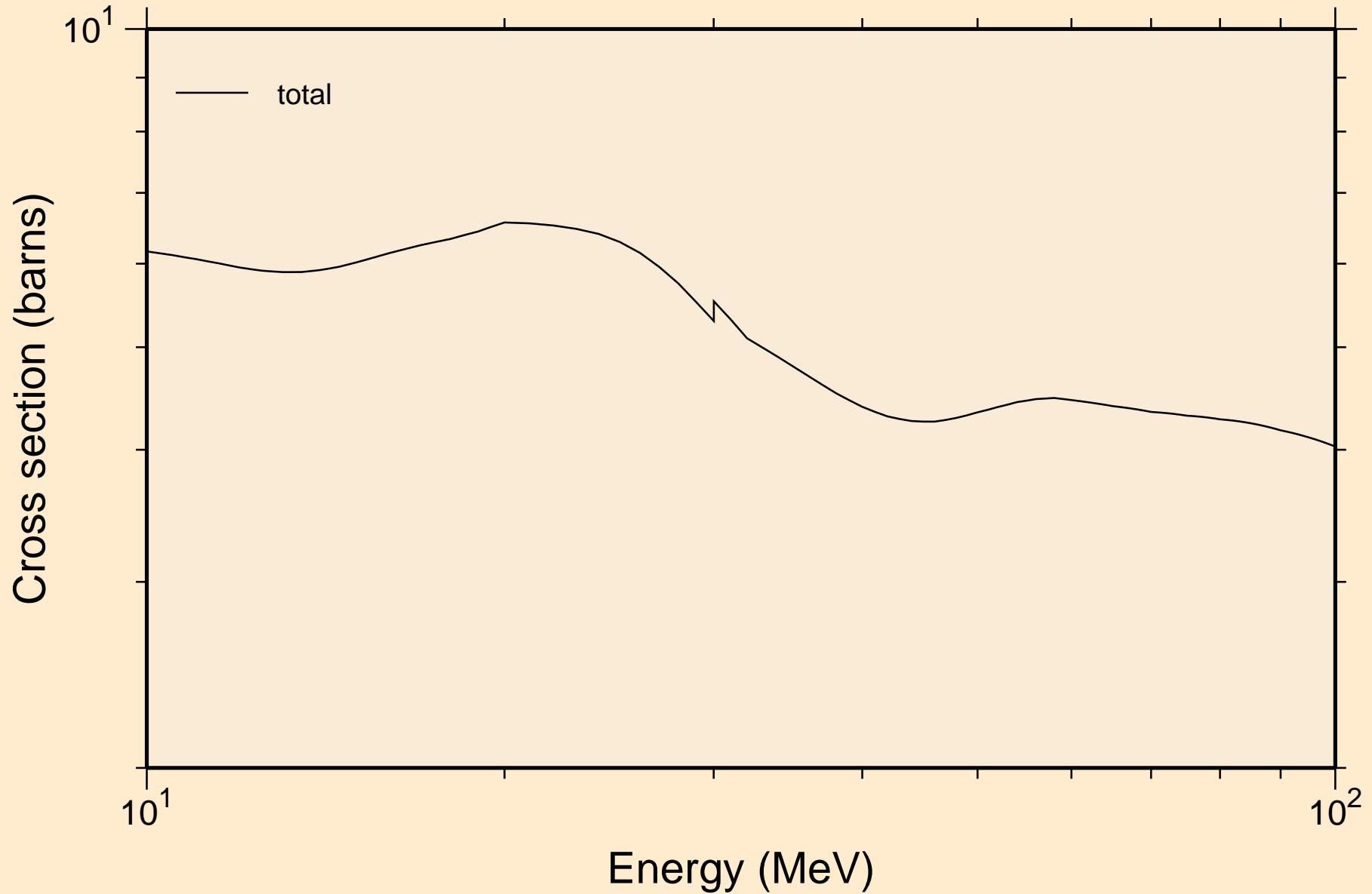
CM247 NRG TENDL-2016, AKONING  
resonance total cross section



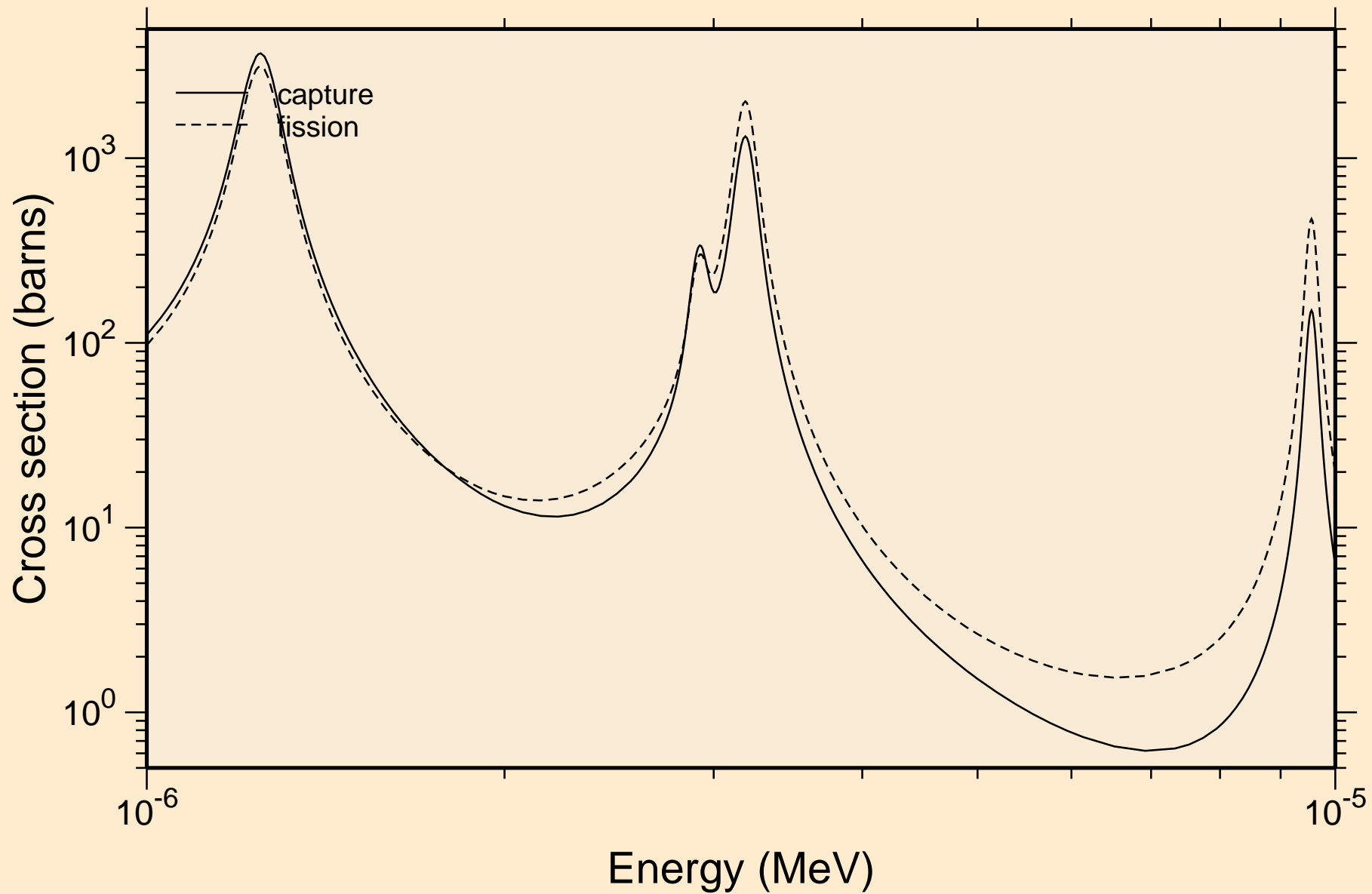
CM247 NRG TENDL-2016, AKONING  
resonance total cross section



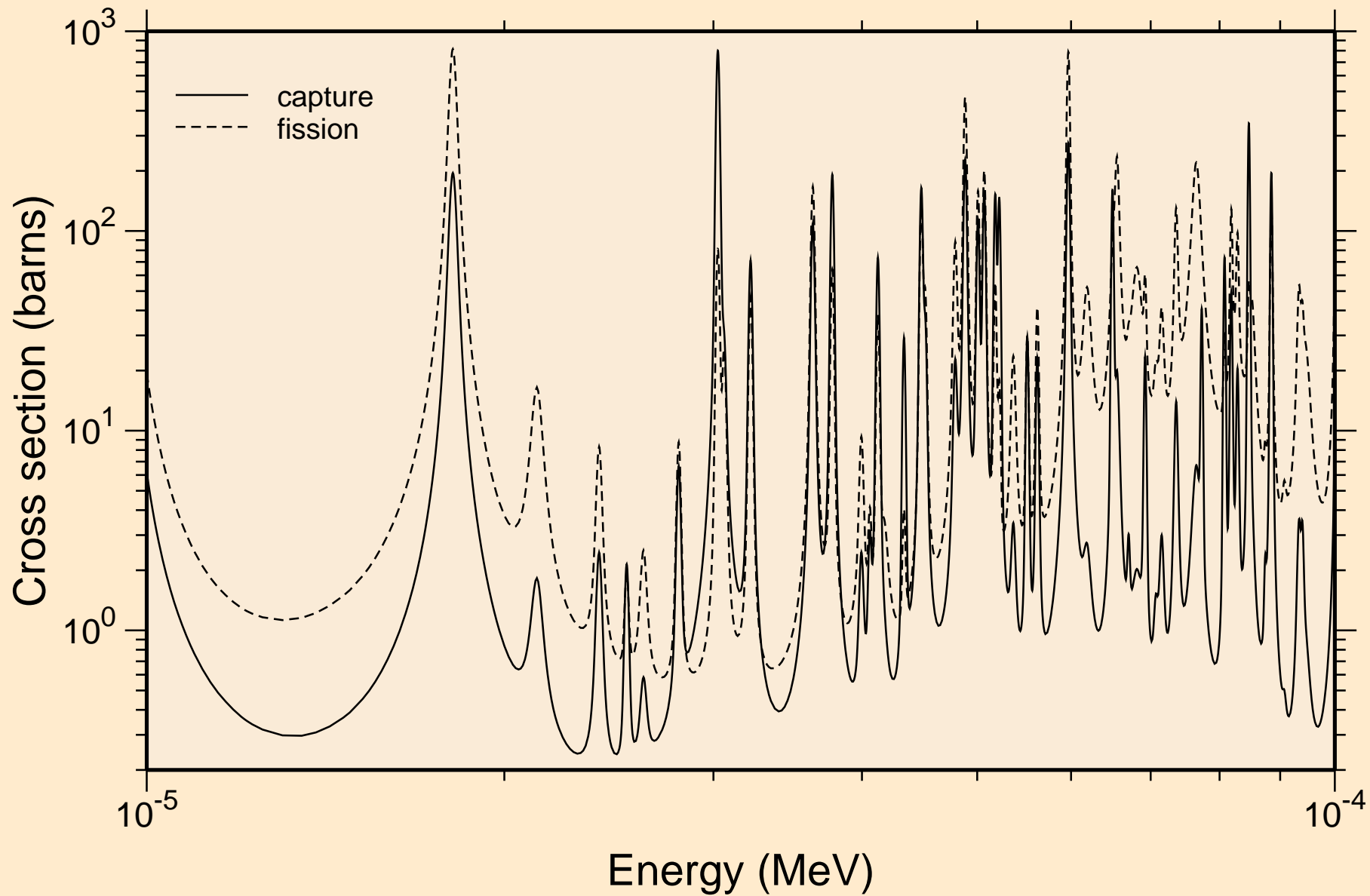
CM247 NRG TENDL-2016, AKONING  
resonance total cross section



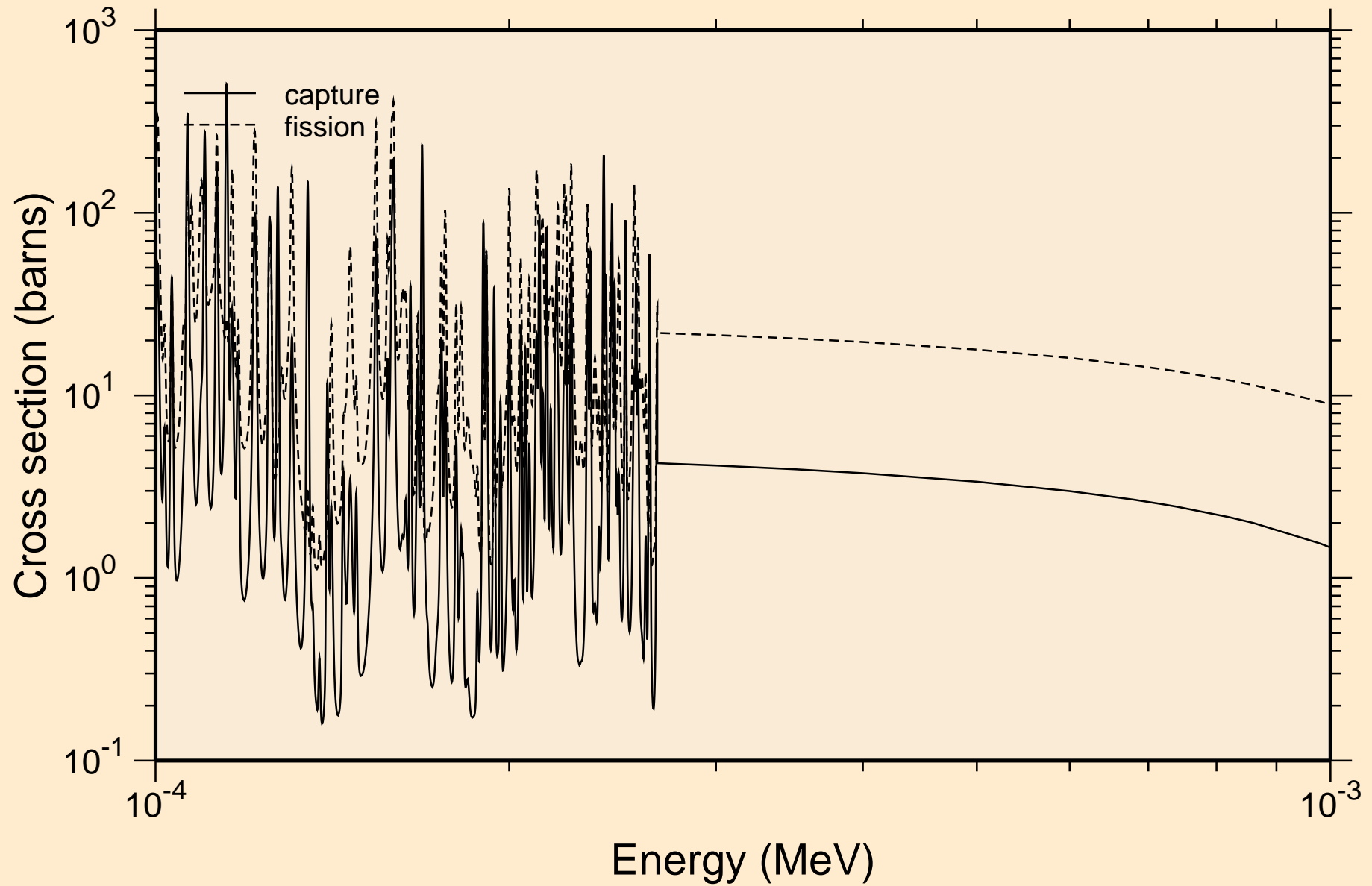
CM247 NRG TENDL-2016, AKONING  
resonance absorption cross sections



# CM247 NRG TENDL-2016, AKONING resonance absorption cross sections

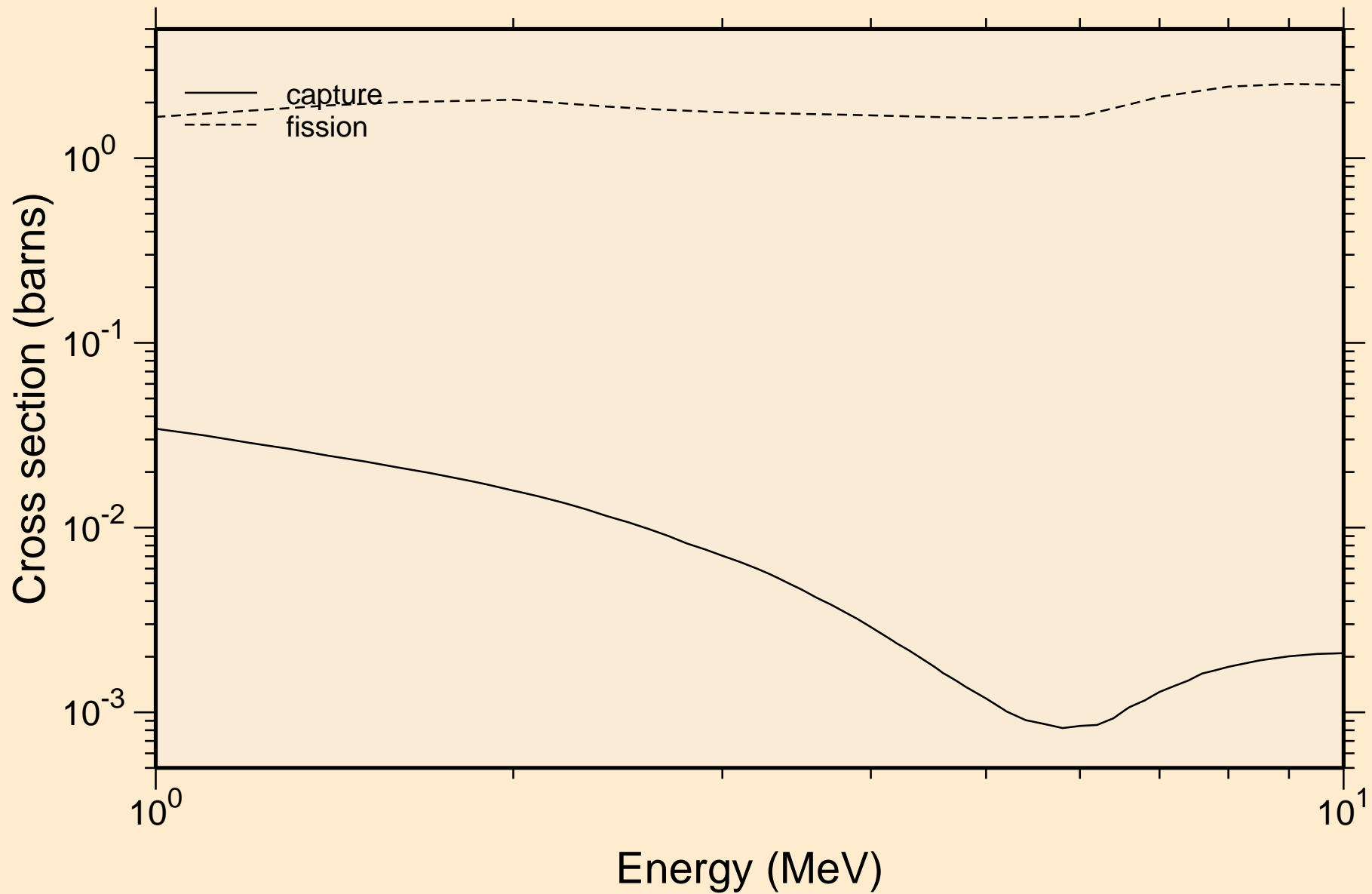


# CM247 NRG TENDL-2016, AKONING resonance absorption cross sections



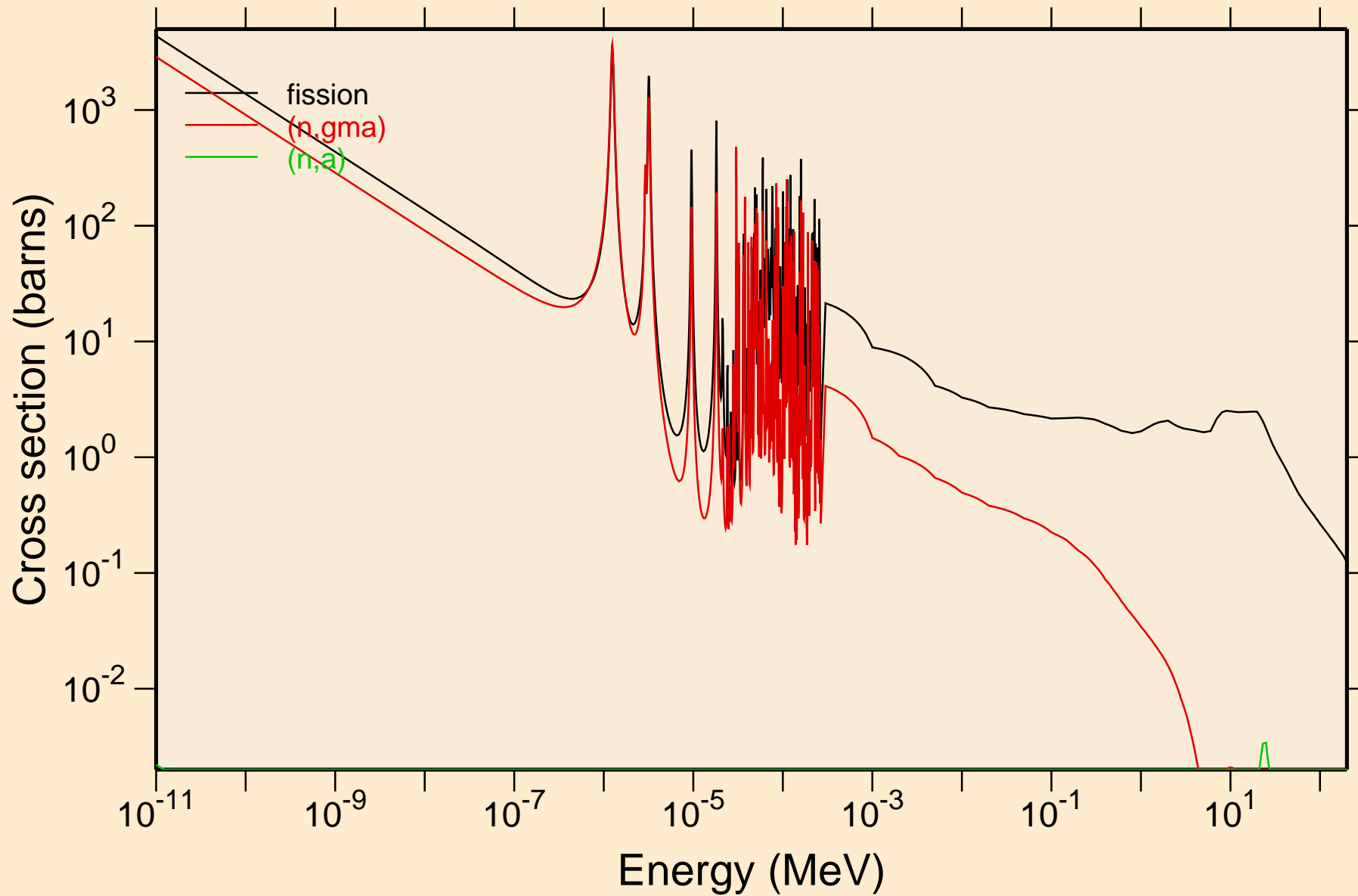


# CM247 NRG TENDL-2016, AKONING resonance absorption cross sections



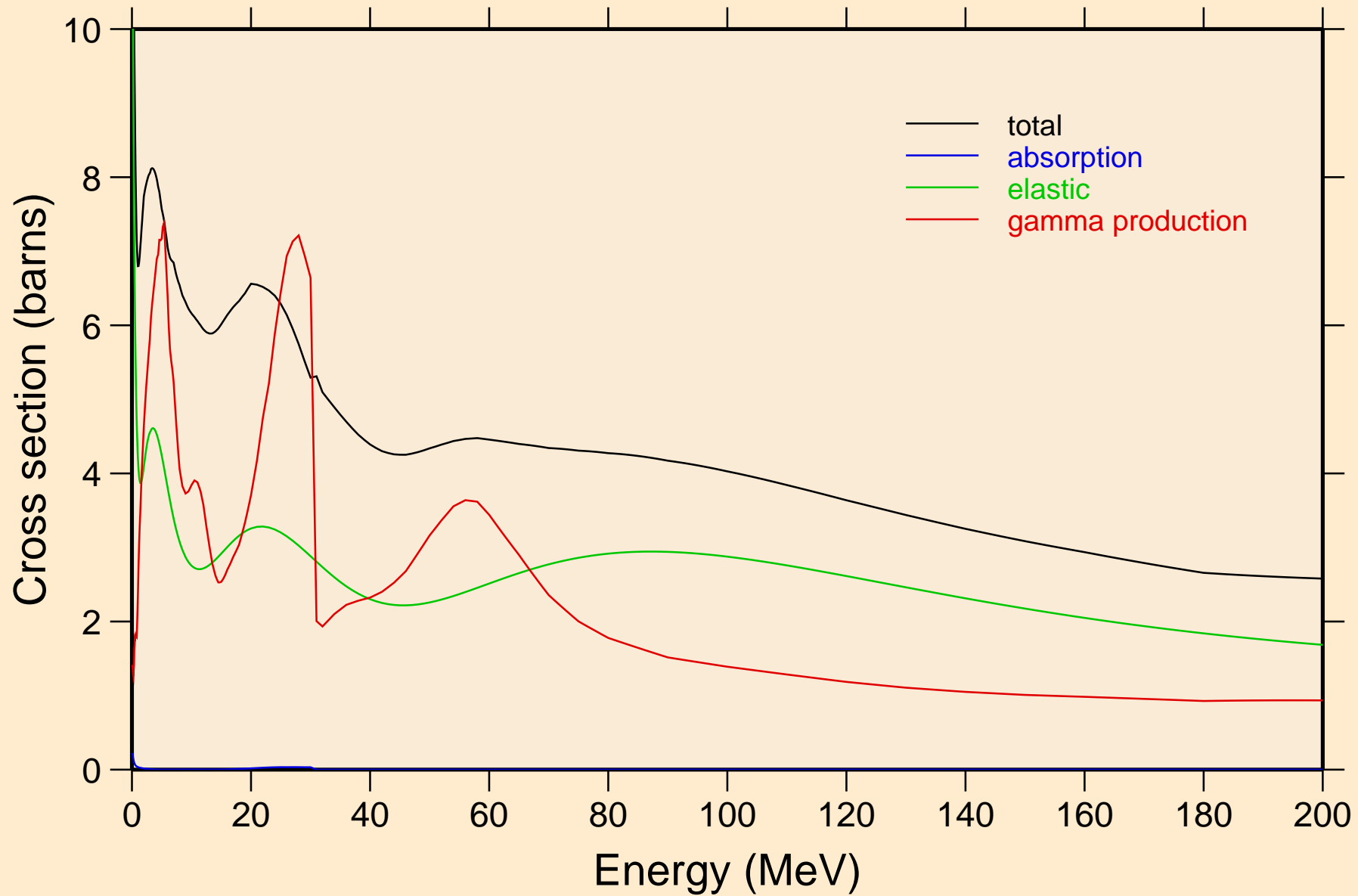
# CM247 NRG TENDL-2016, AKONING

## Non-threshold reactions



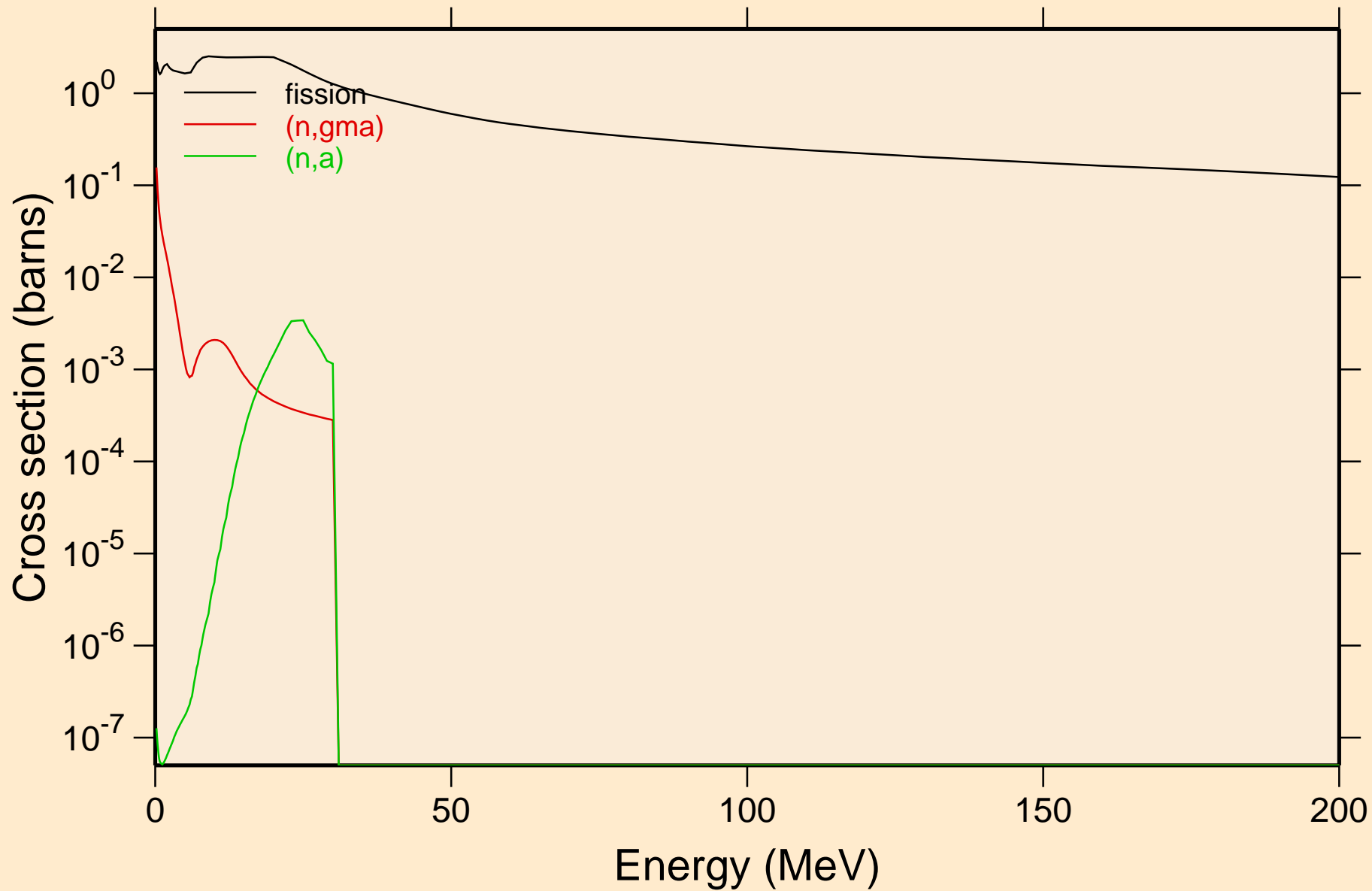
# CM247 NRG TENDL-2016, AKONING

## Principal cross sections



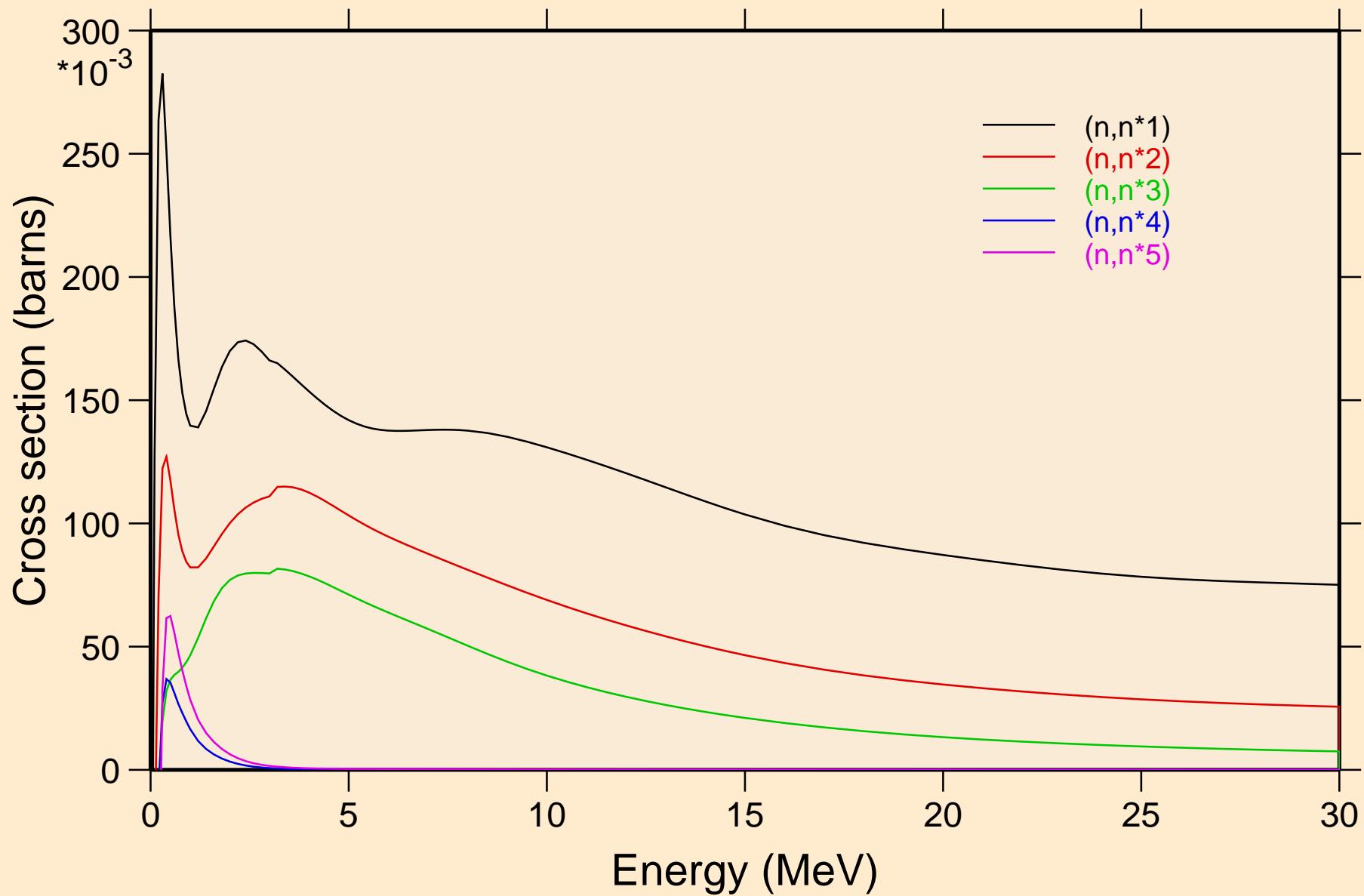
# CM247 NRG TENDL-2016, AKONING

## Non-threshold reactions



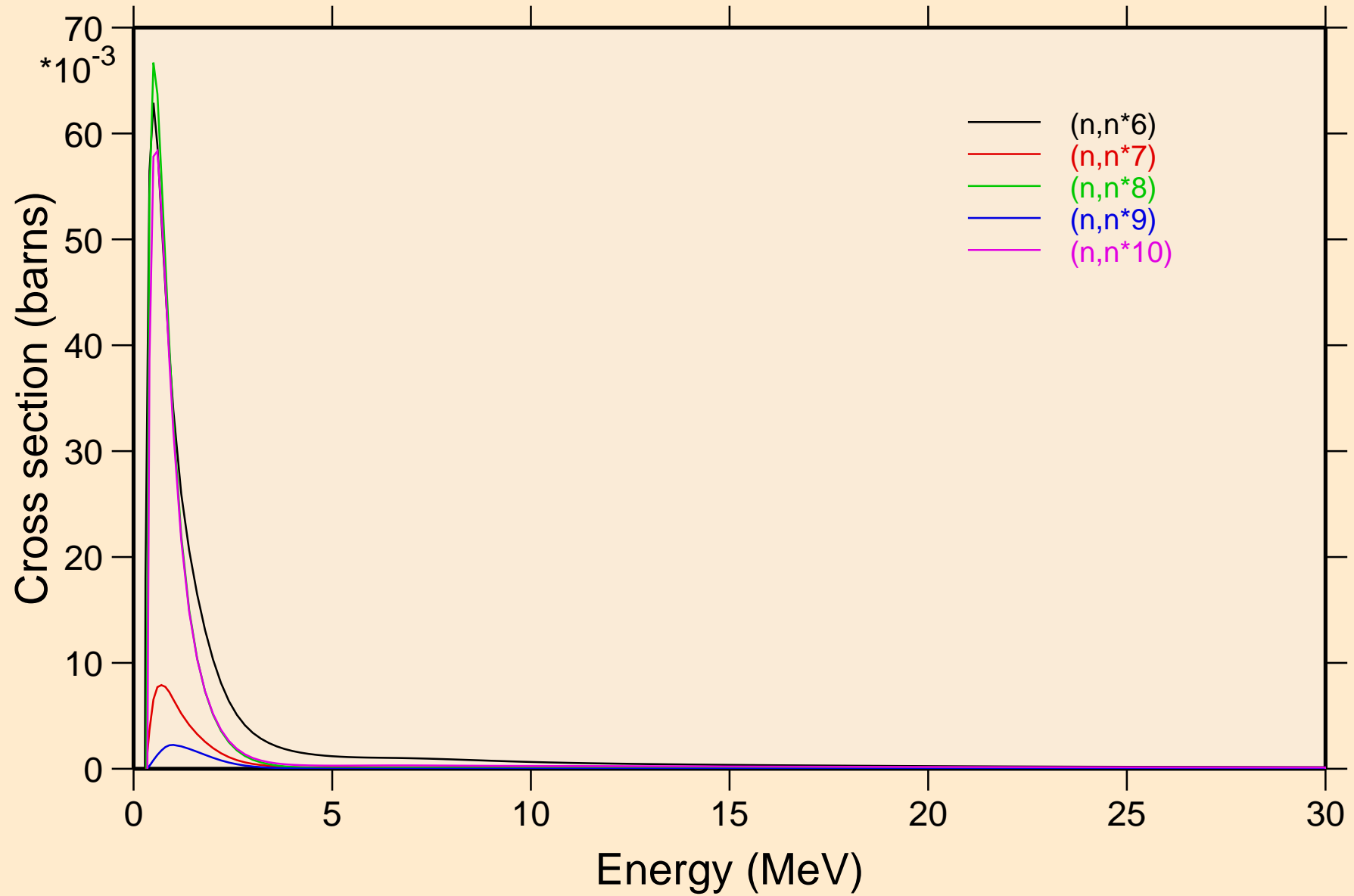
# CM247 NRG TENDL-2016, AKONING

## Inelastic levels



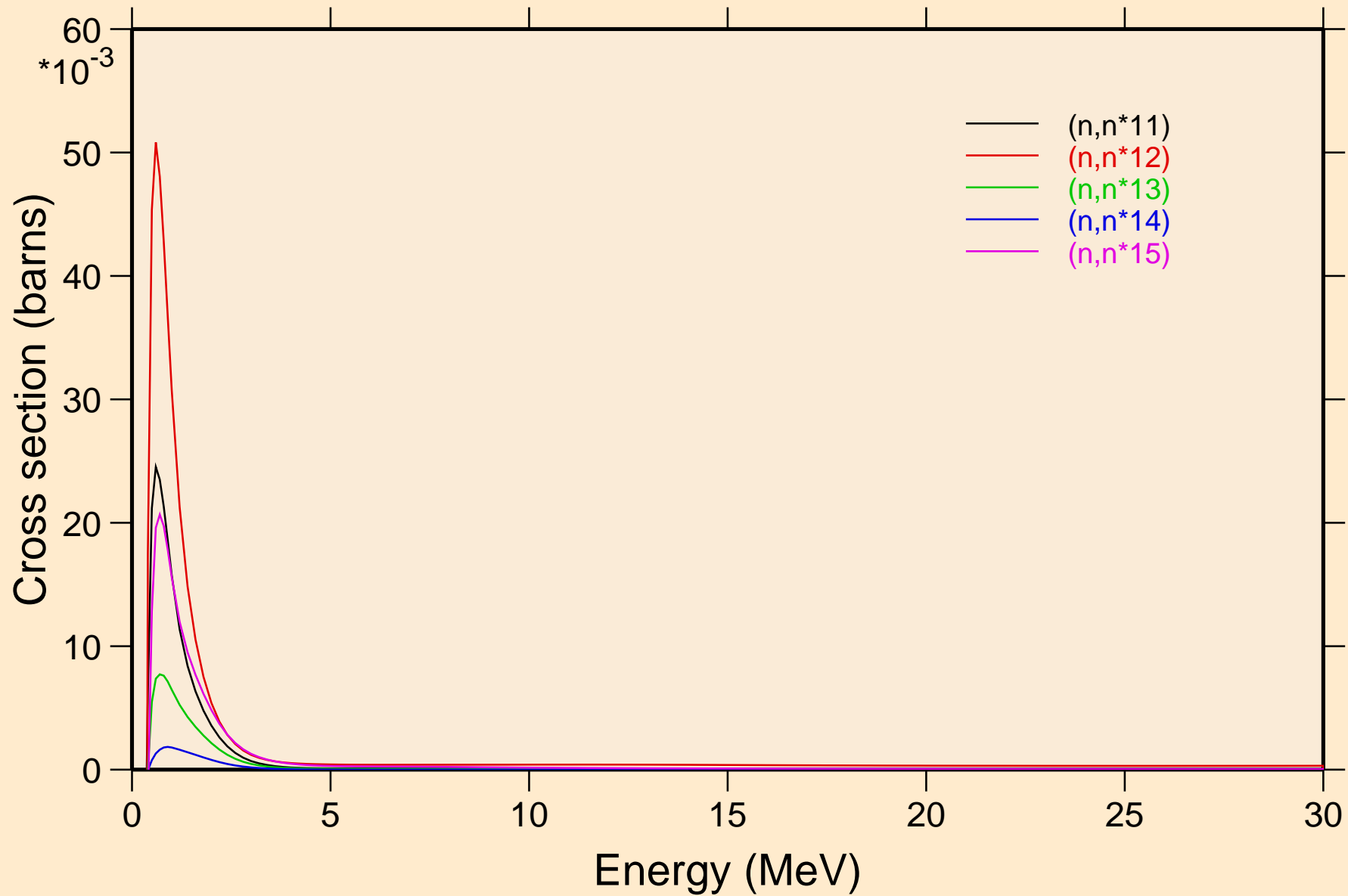
# CM247 NRG TENDL-2016, AKONING

## Inelastic levels



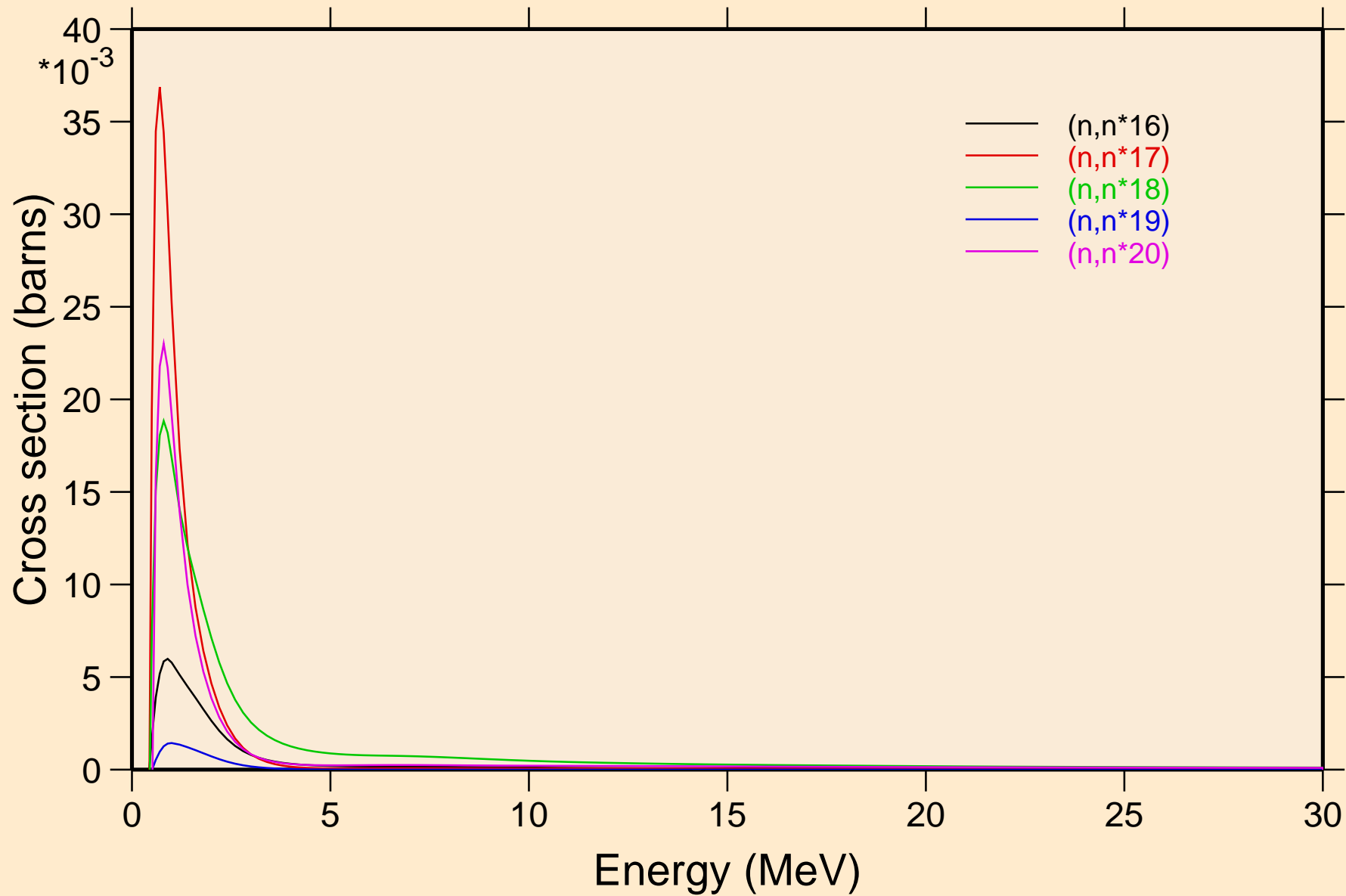
# CM247 NRG TENDL-2016, AKONING

## Inelastic levels



# CM247 NRG TENDL-2016, AKONING

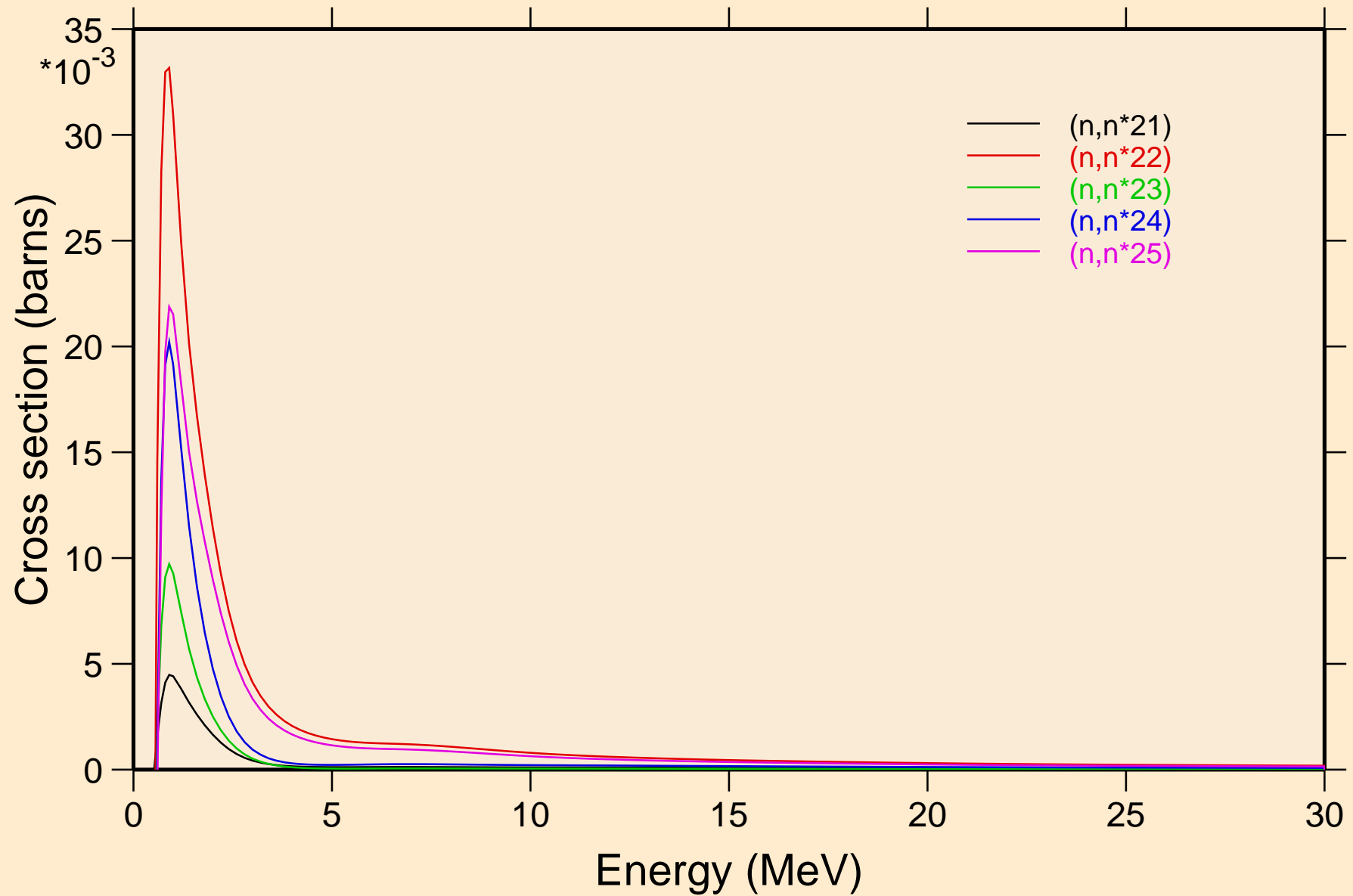
## Inelastic levels





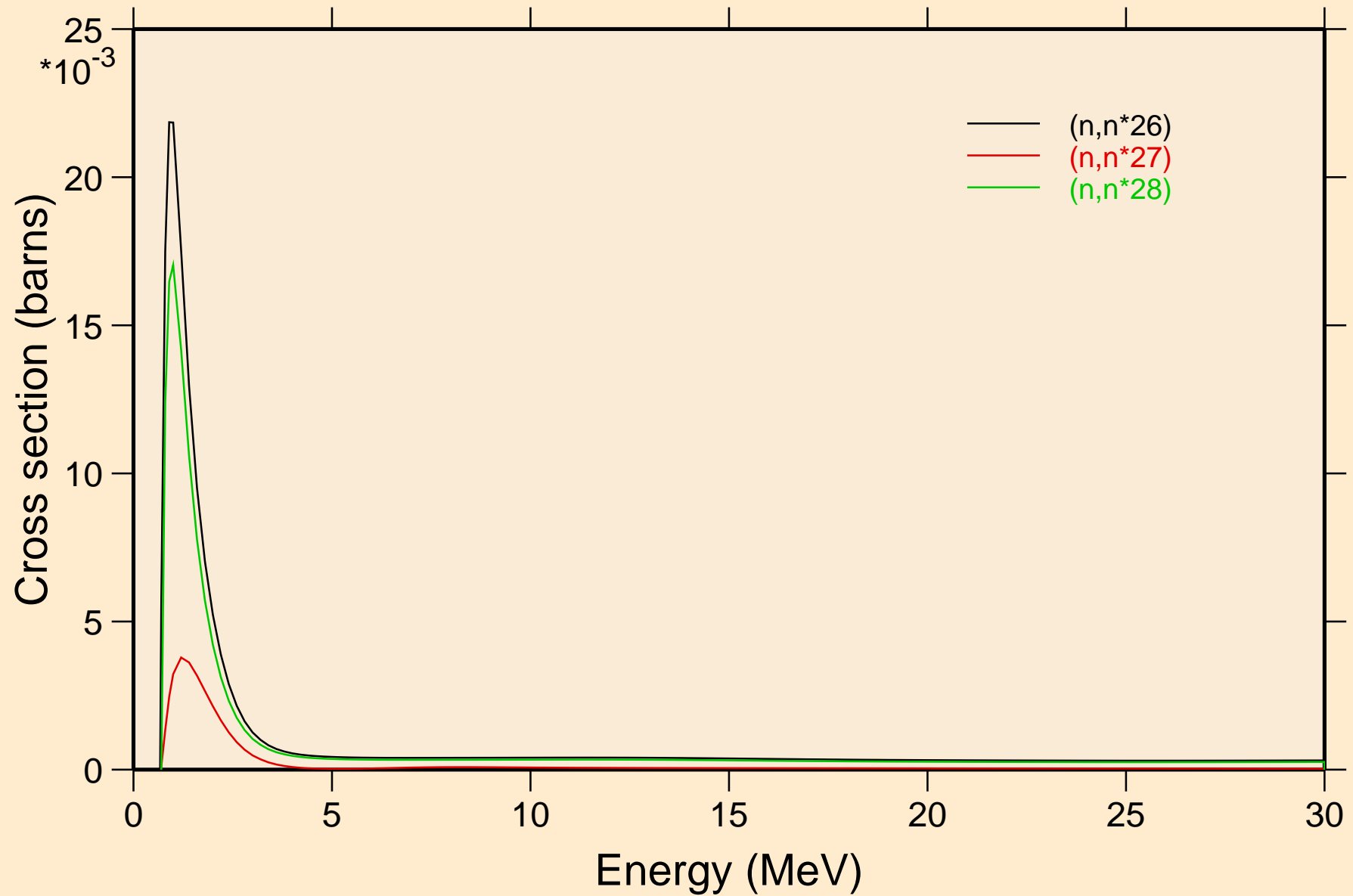
# CM247 NRG TENDL-2016, AKONING

## Inelastic levels



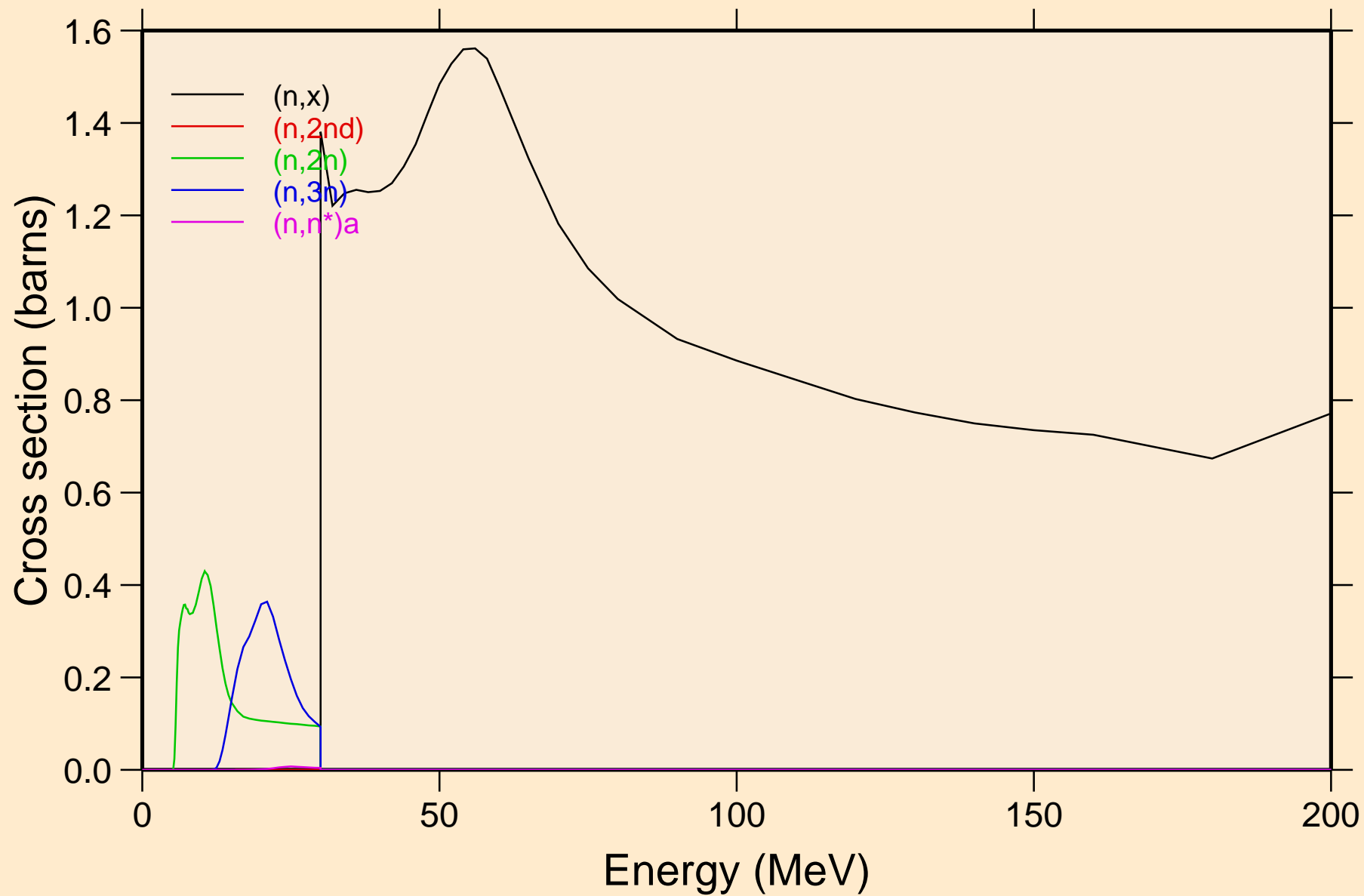
# CM247 NRG TENDL-2016, AKONING

## Inelastic levels



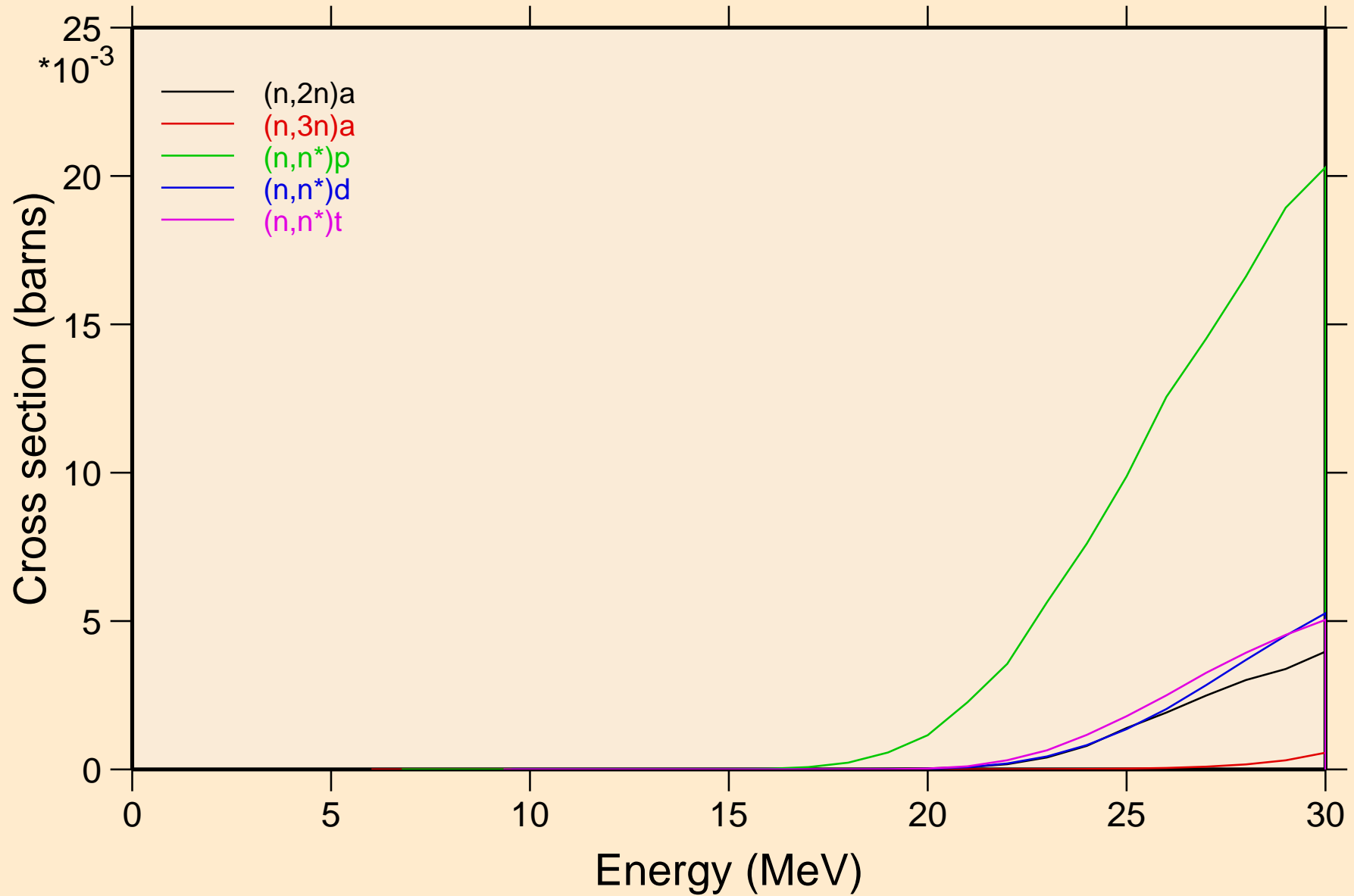
# CM247 NRG TENDL-2016, AKONING

## Threshold reactions



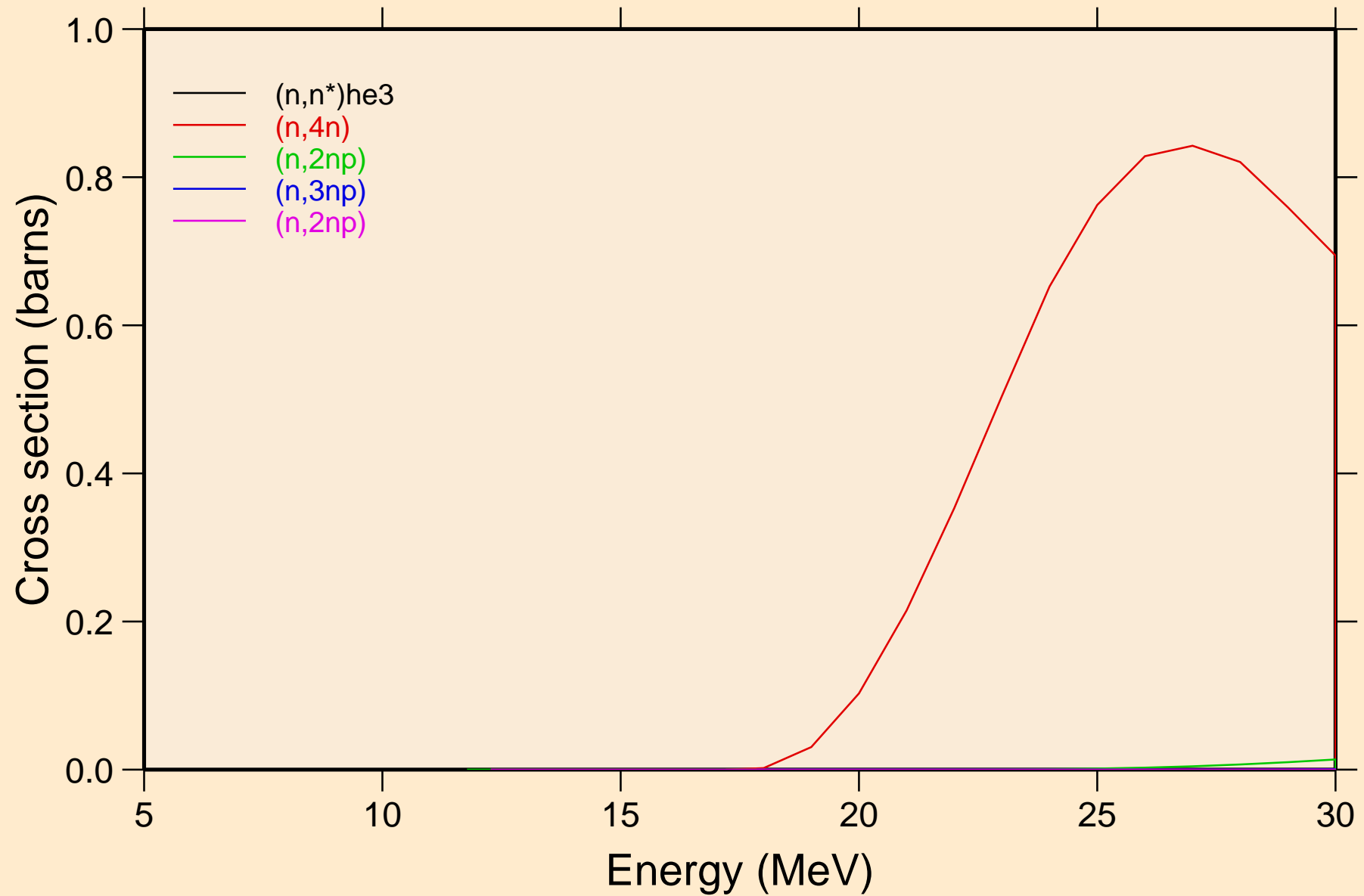
# CM247 NRG TENDL-2016, AKONING

## Threshold reactions



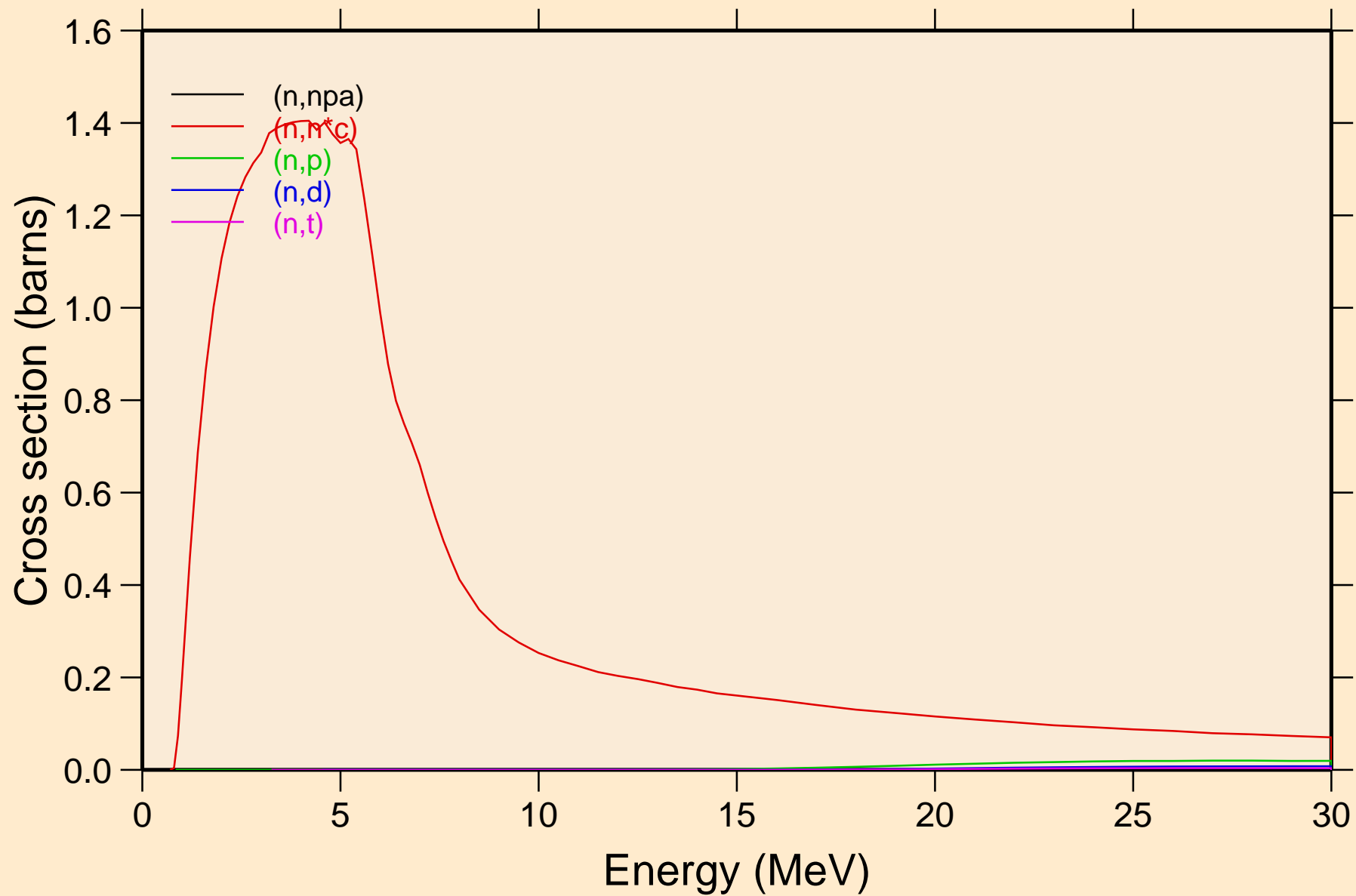
# CM247 NRG TENDL-2016, AKONING

## Threshold reactions



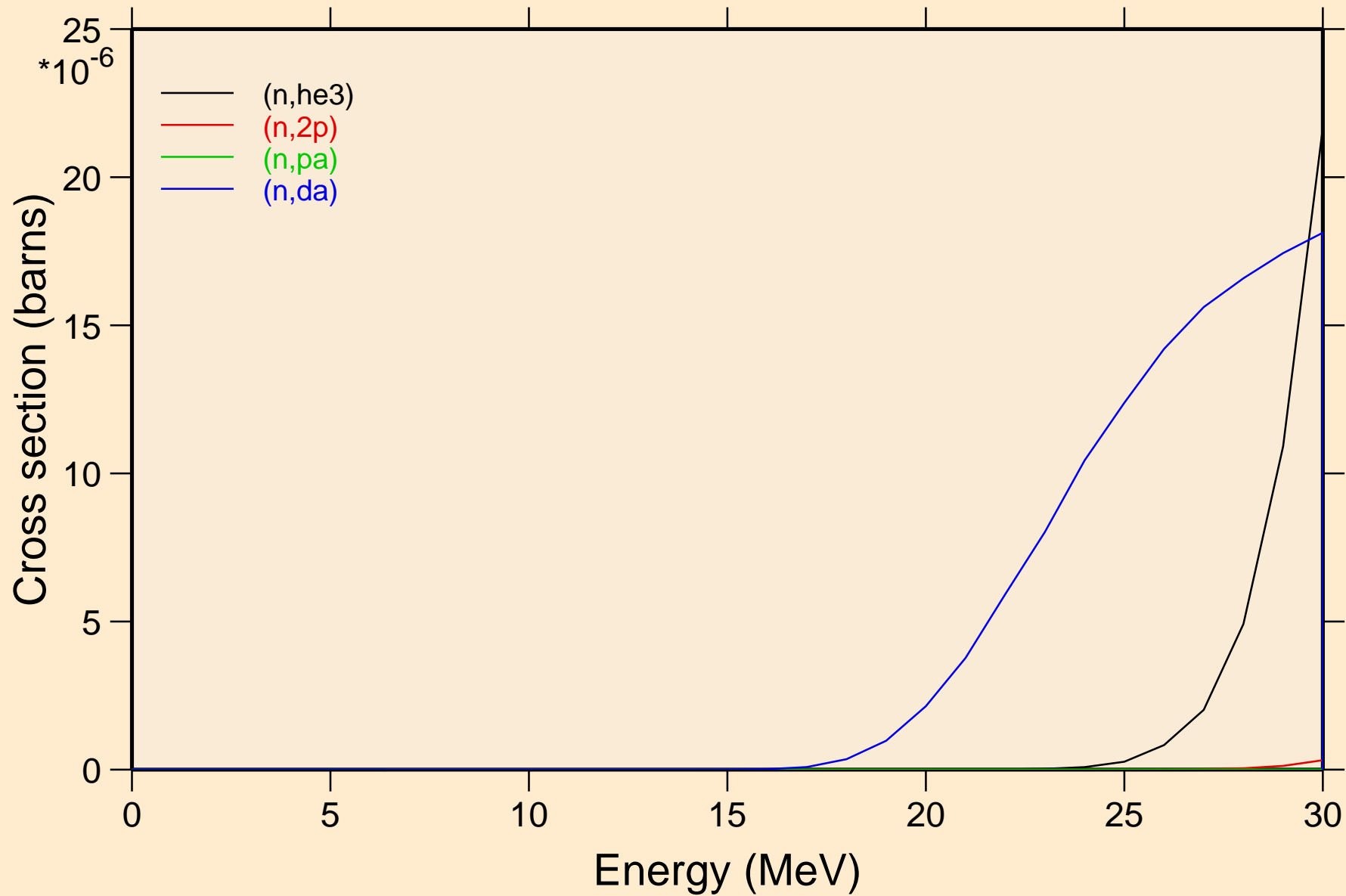
# CM247 NRG TENDL-2016, AKONING

## Threshold reactions

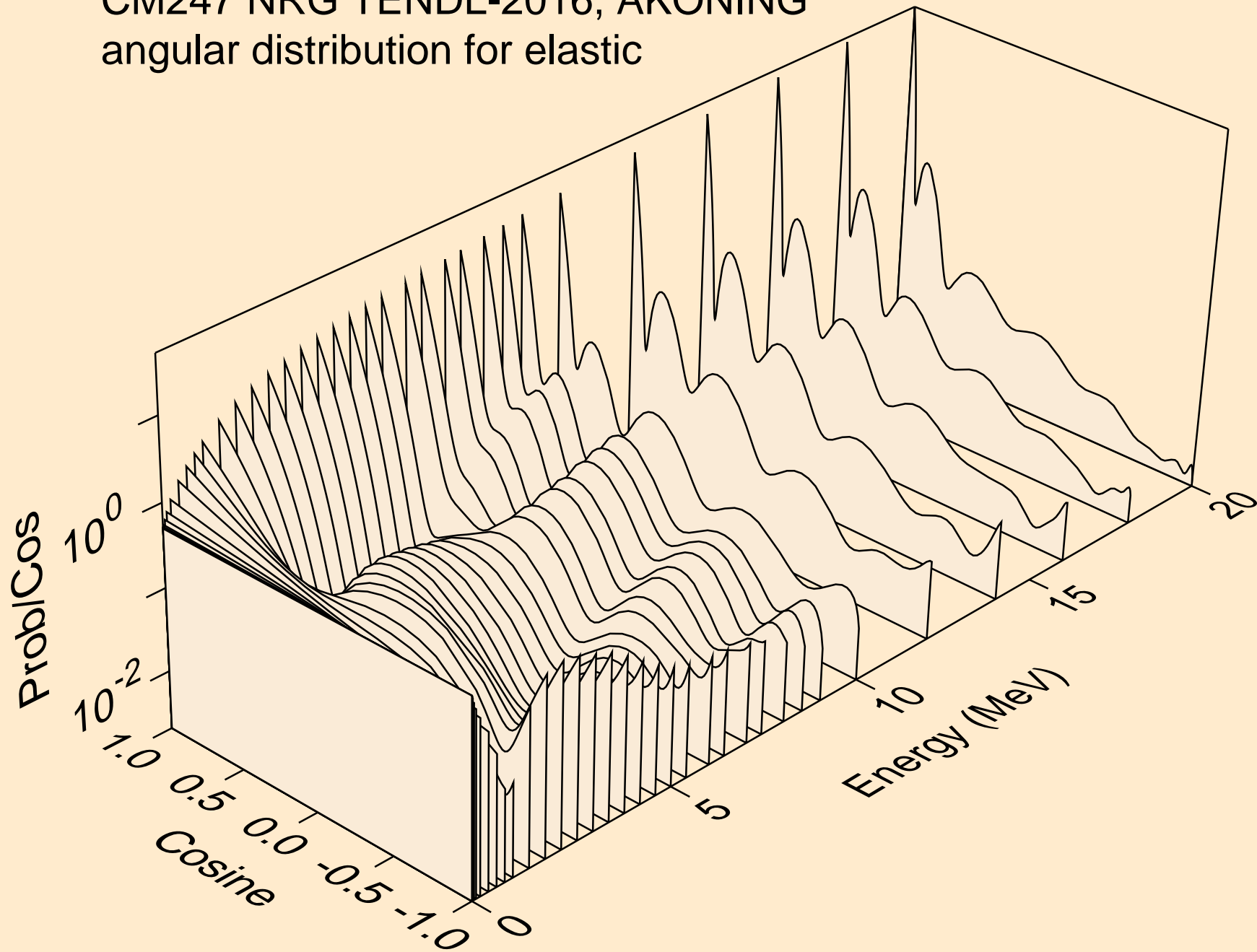


# CM247 NRG TENDL-2016, AKONING

## Threshold reactions

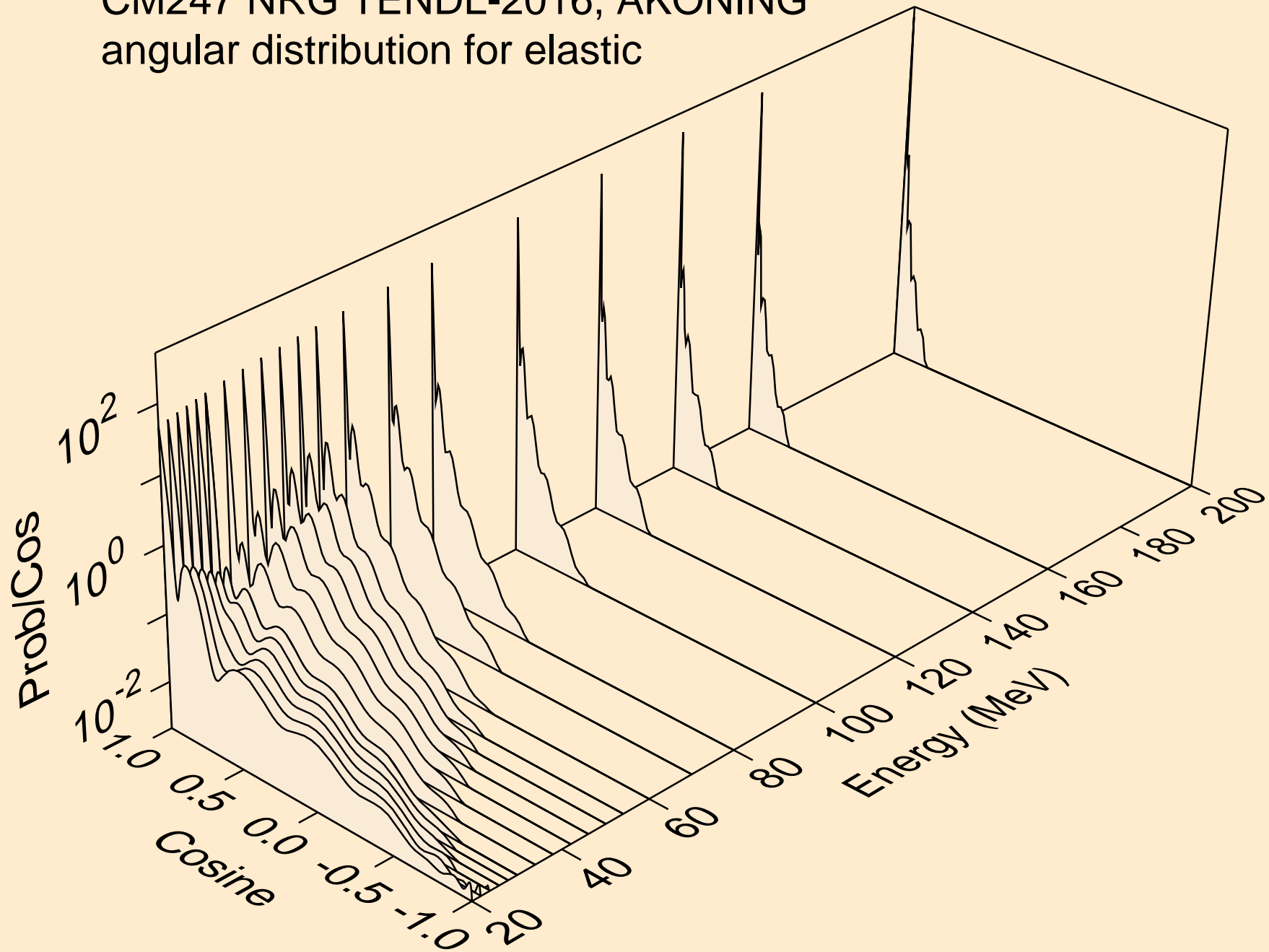


CM247 NRG TENDL-2016, AKONING  
angular distribution for elastic

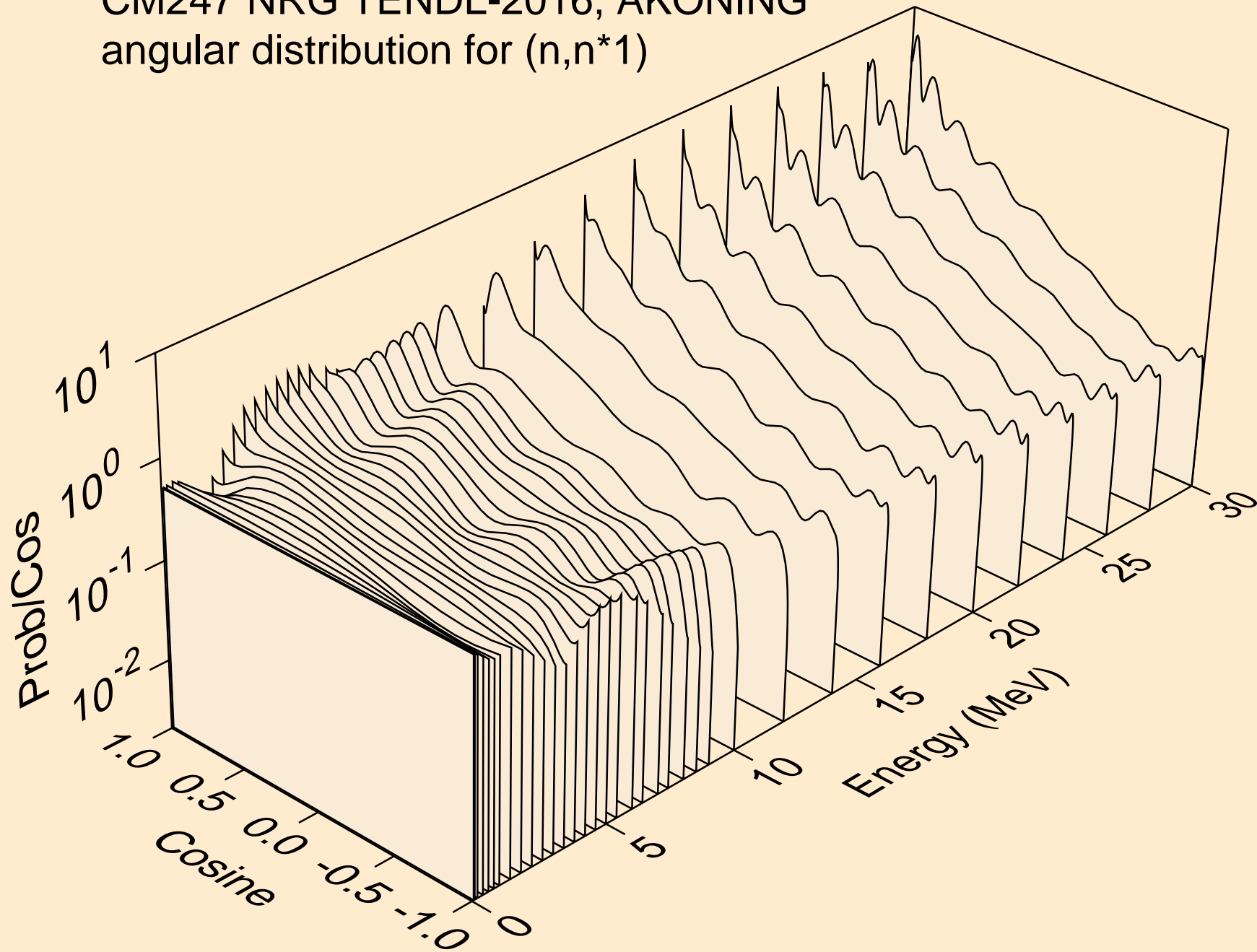




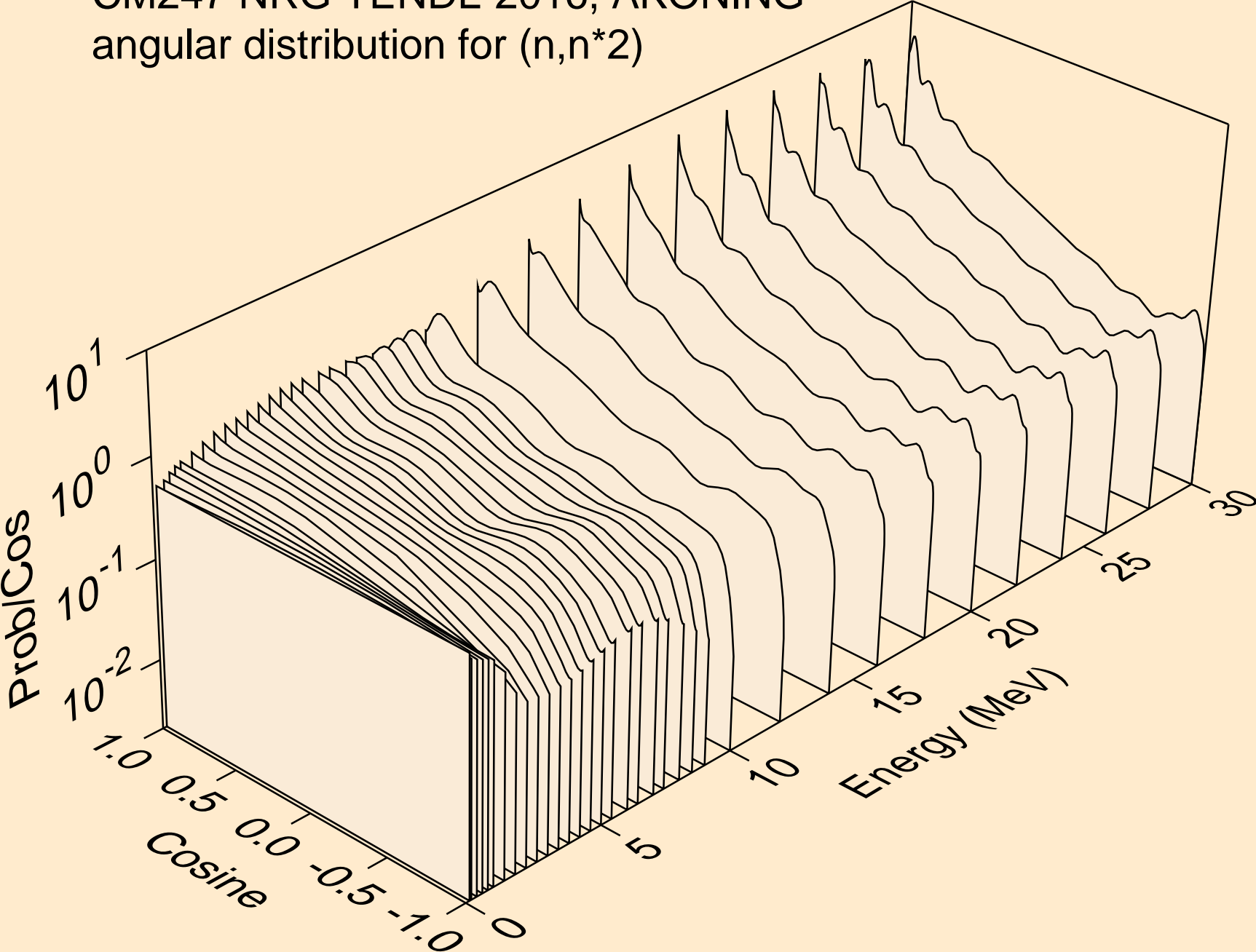
CM247 NRG TENDL-2016, AKONING  
angular distribution for elastic



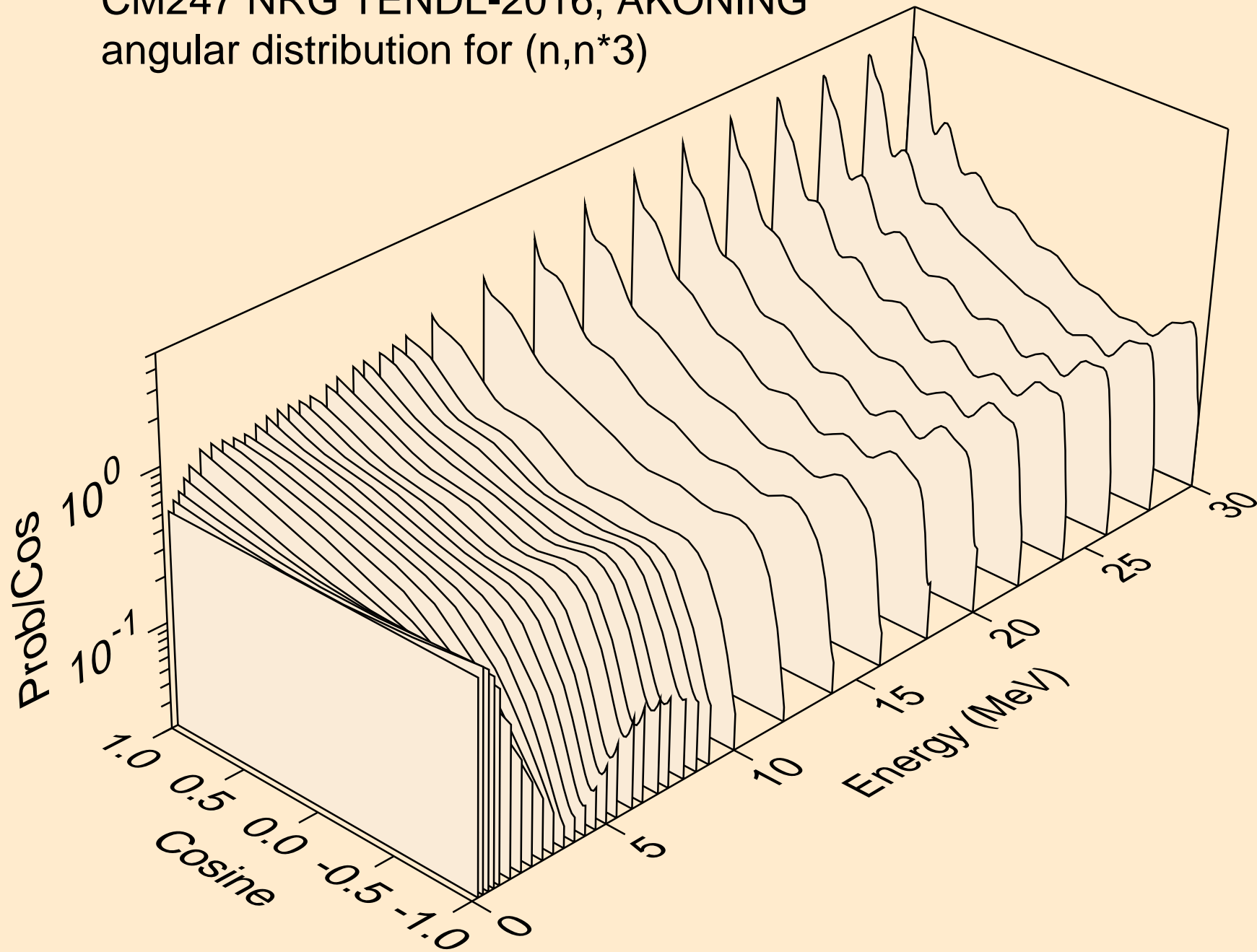
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*1)



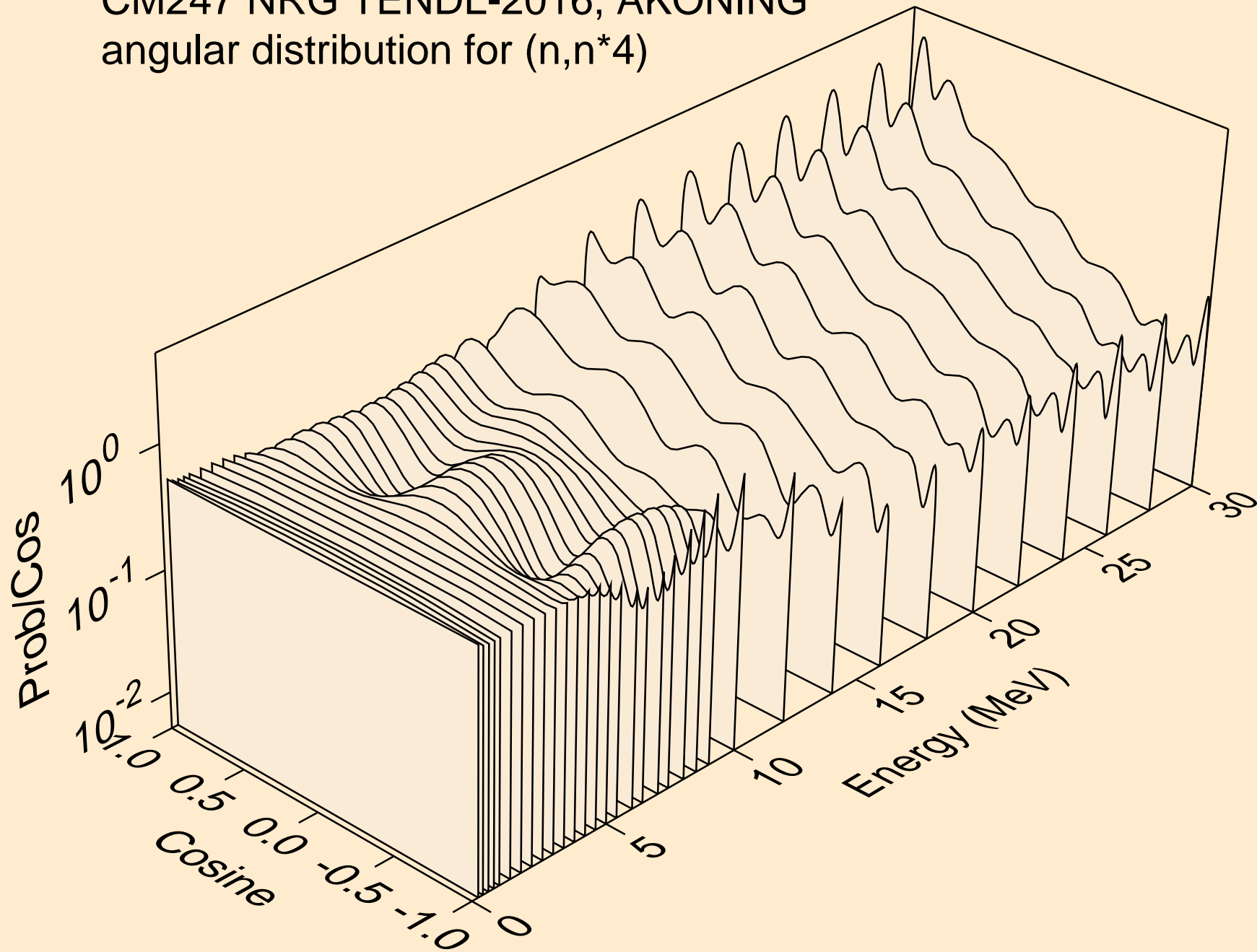
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*2)



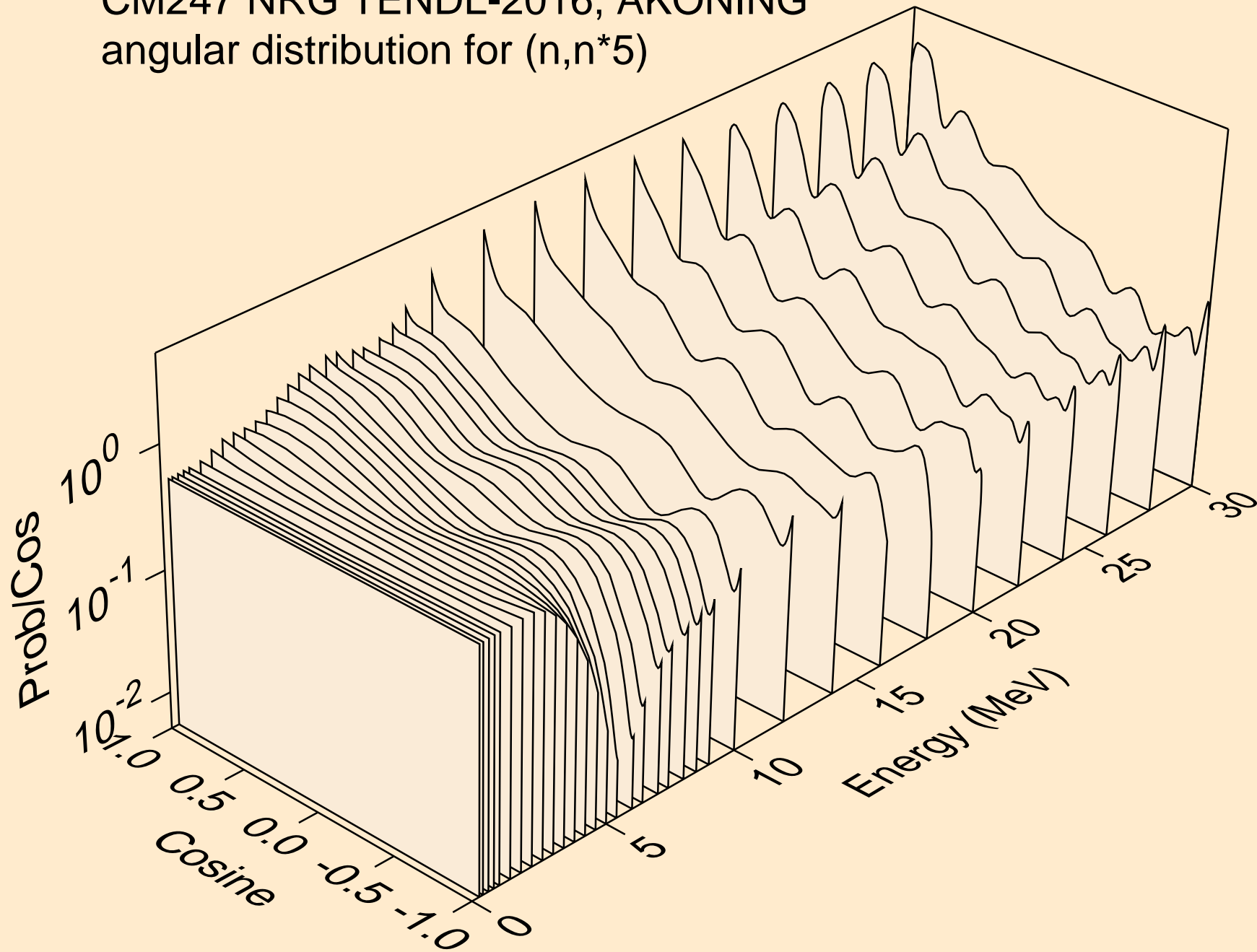
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*3)



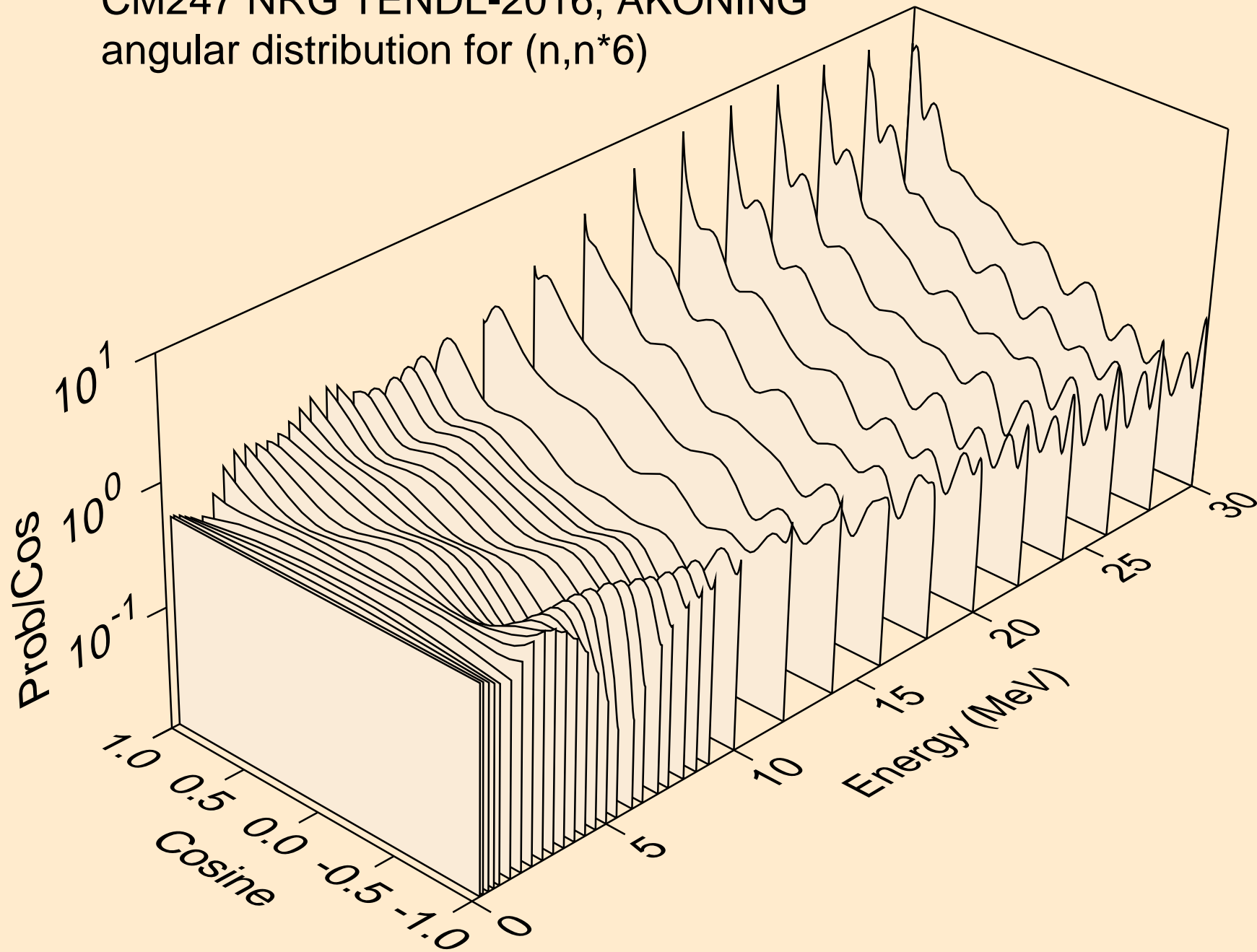
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*4)



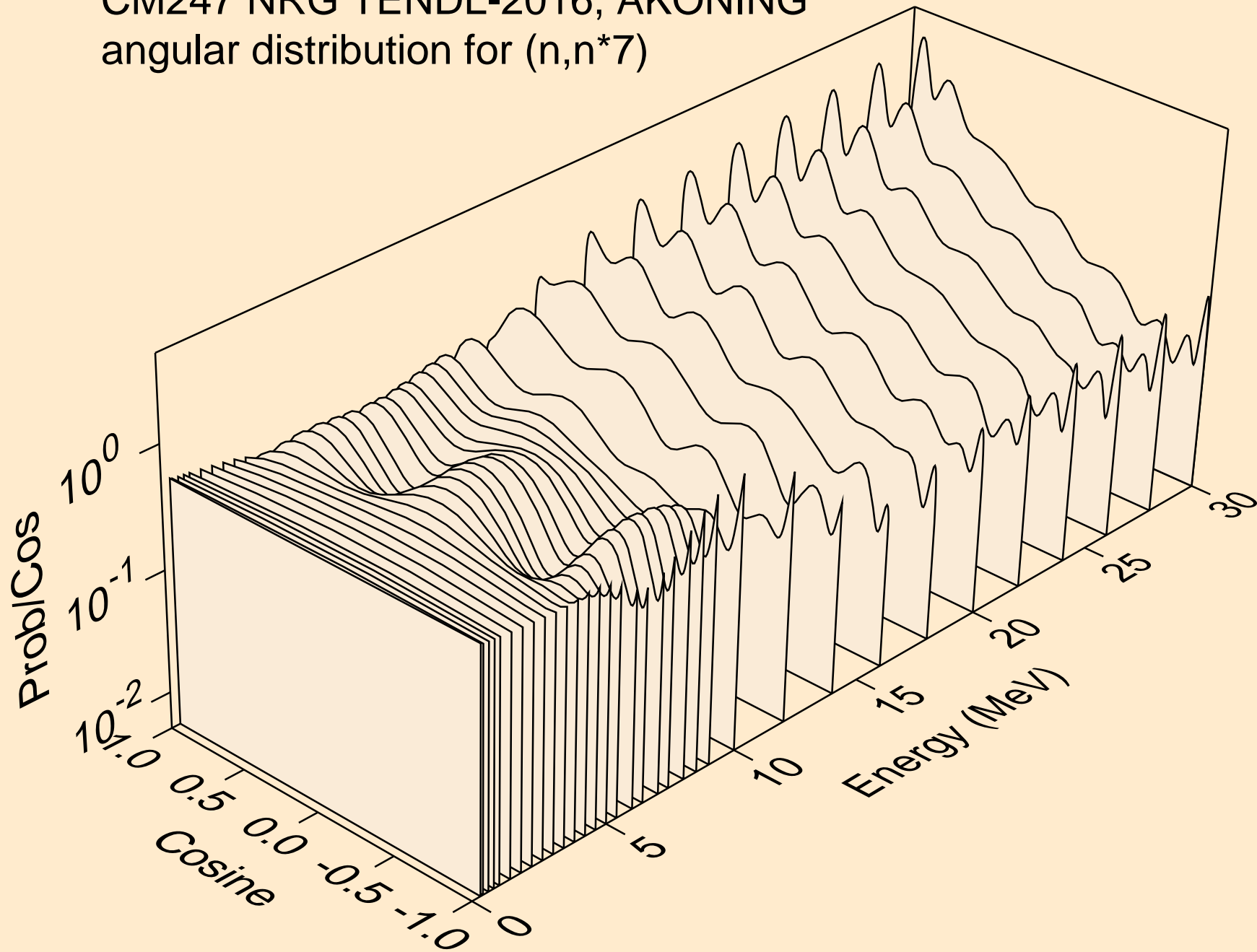
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*5)



CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*6)

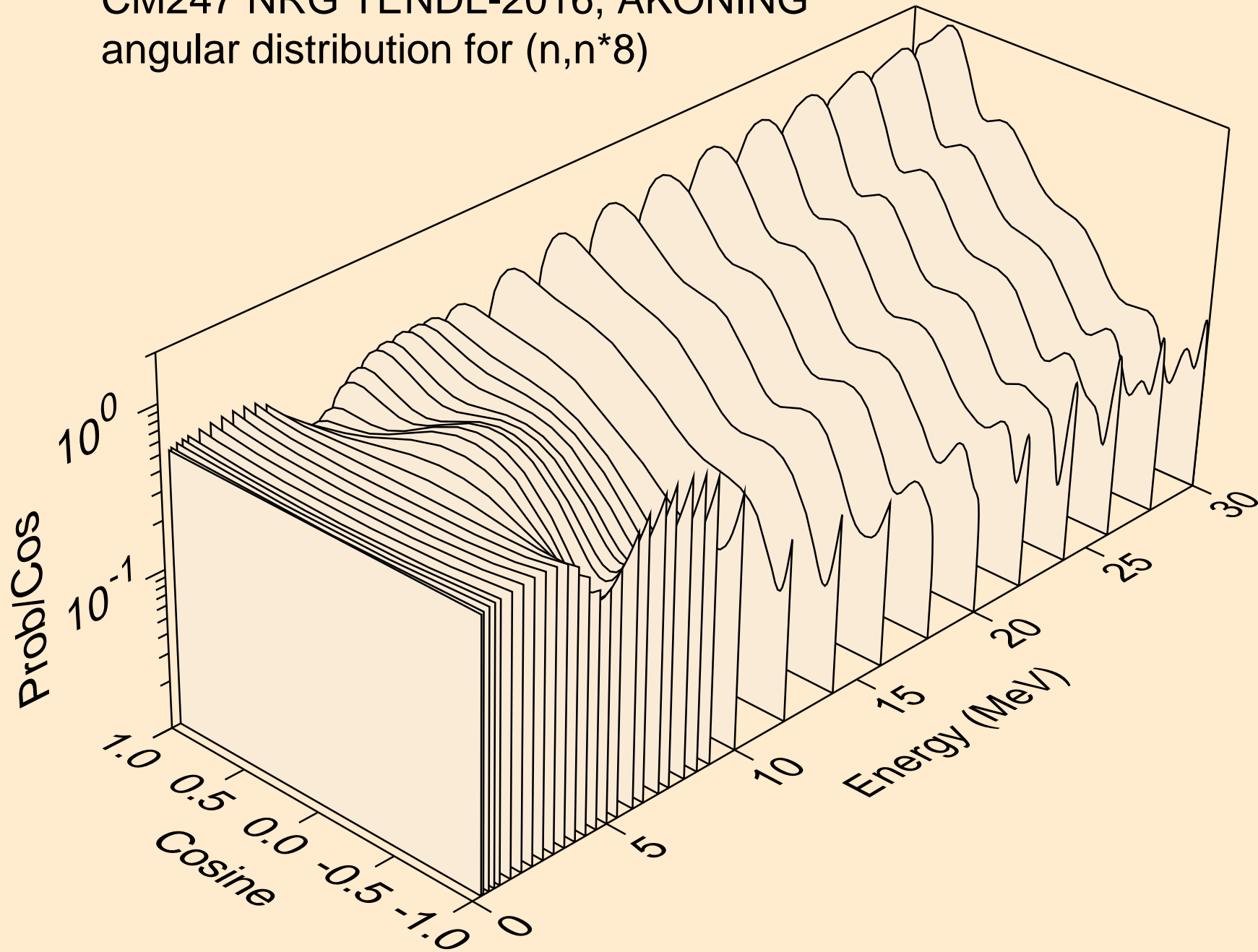


CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*7)

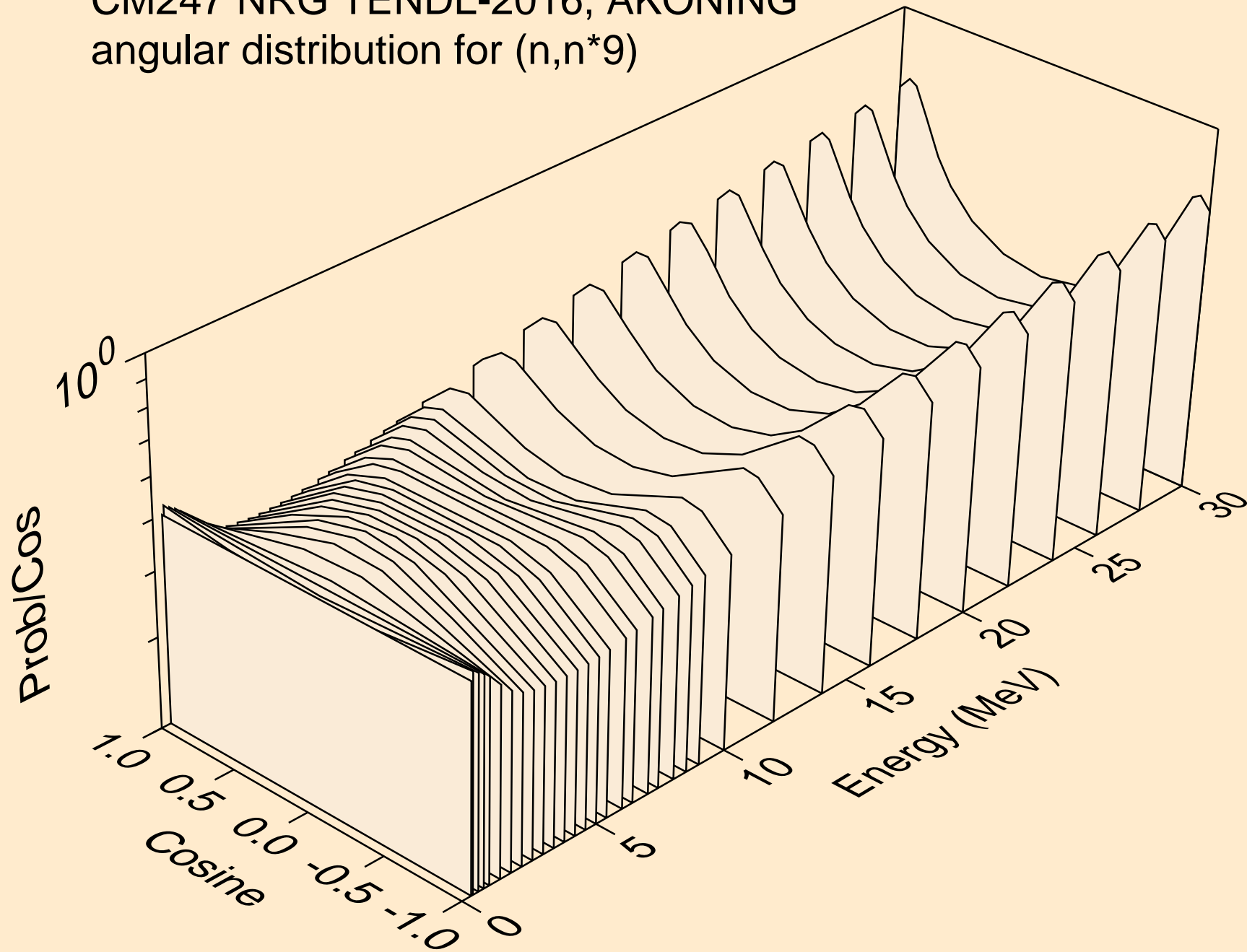




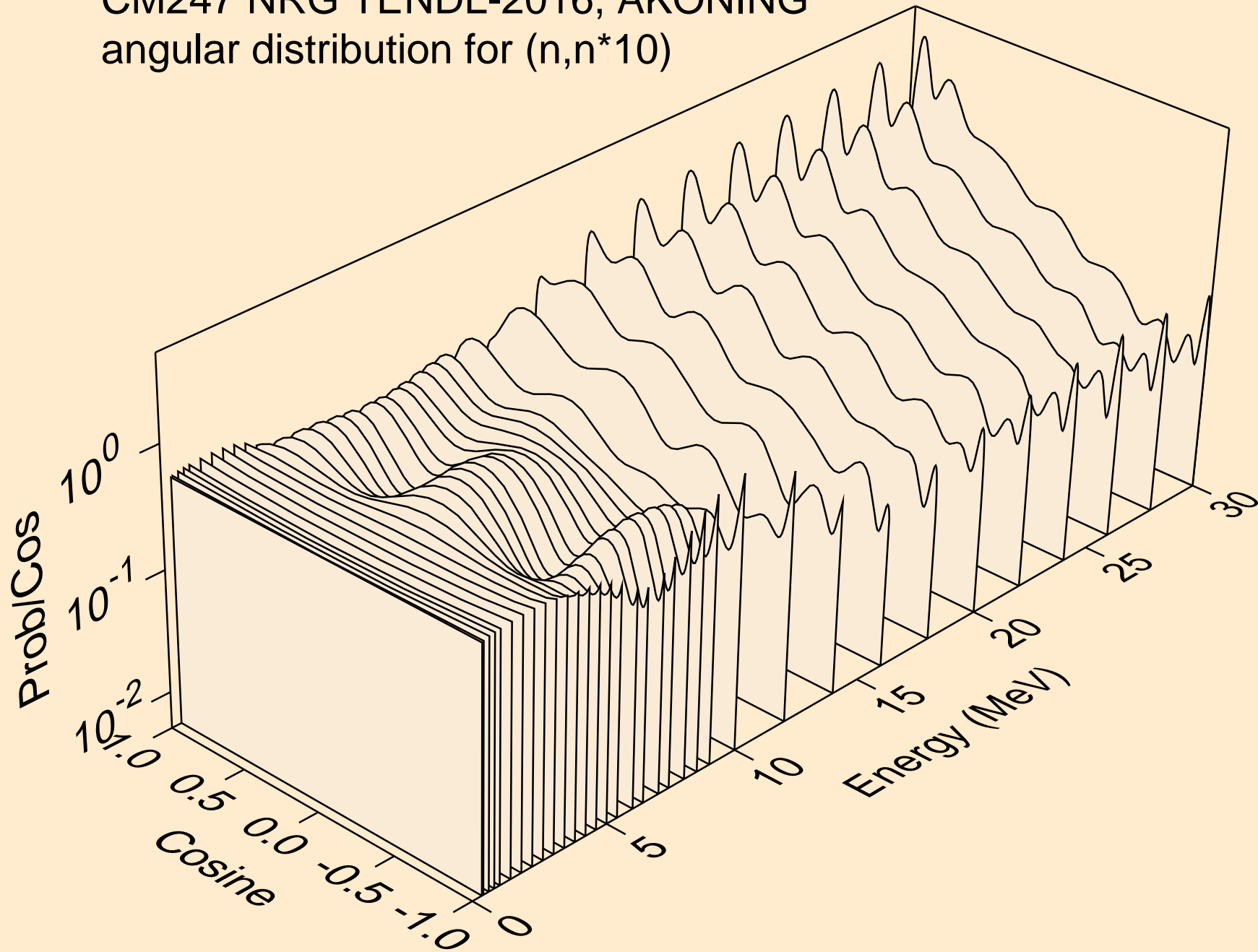
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*8)



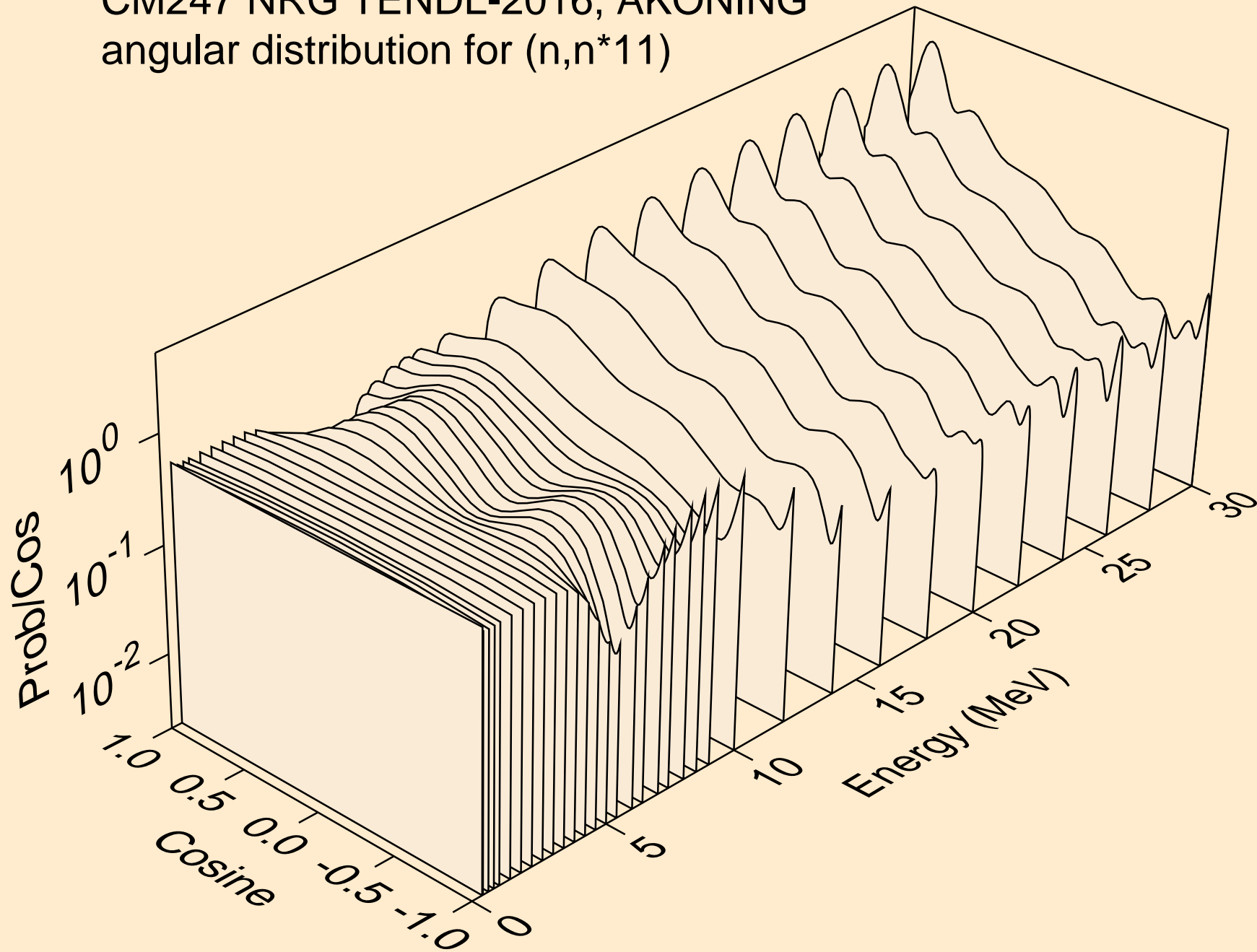
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*9)



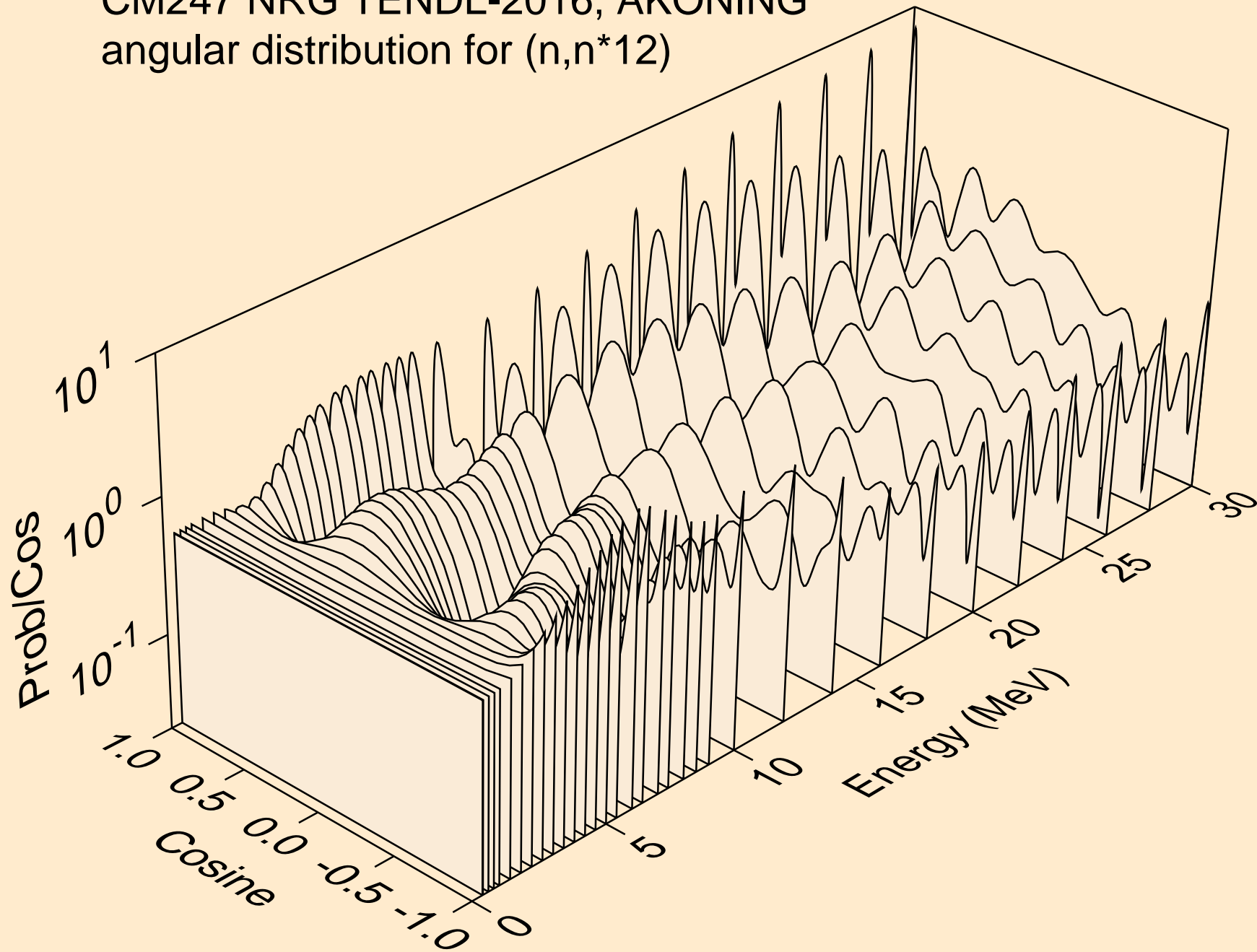
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*10)



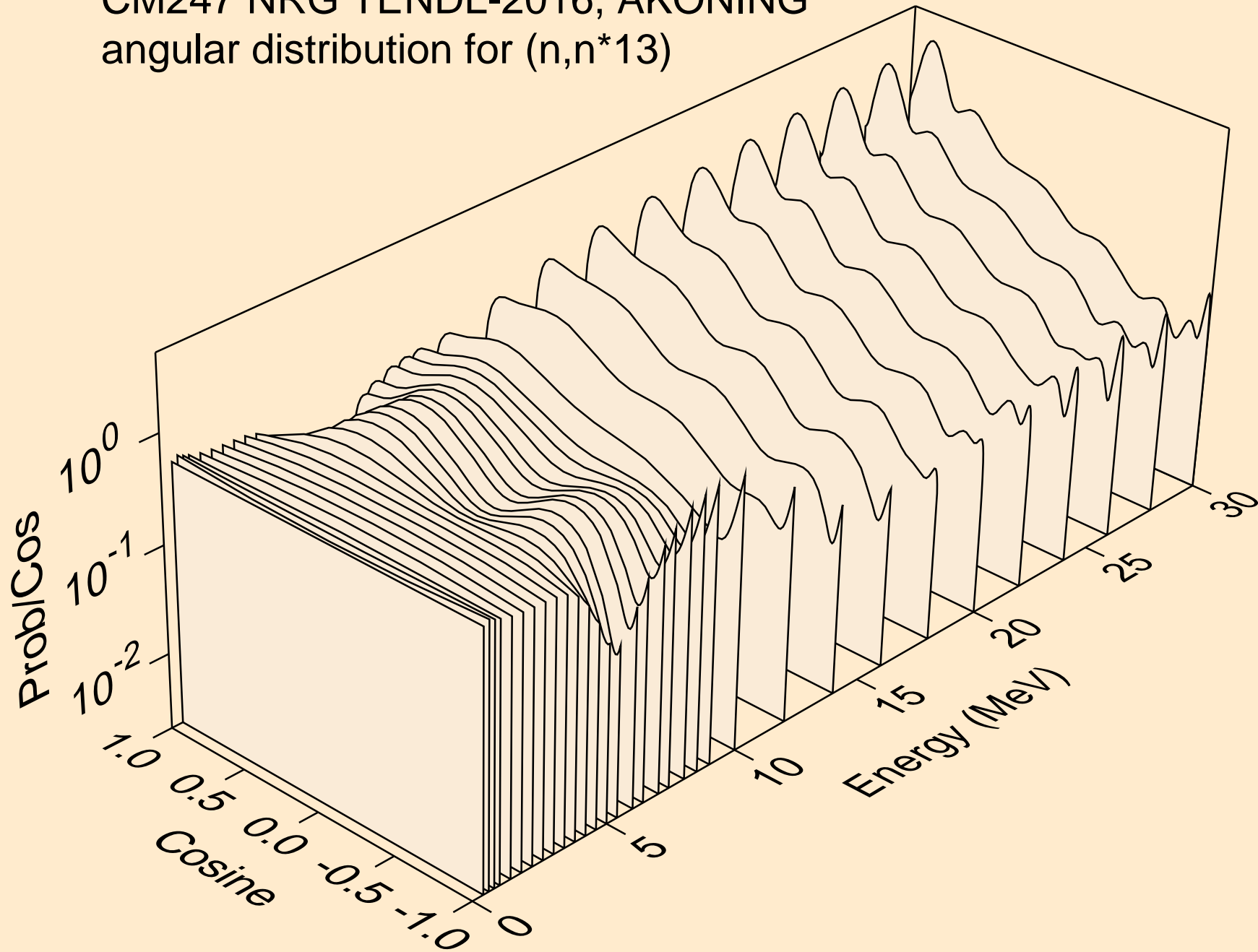
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*11)



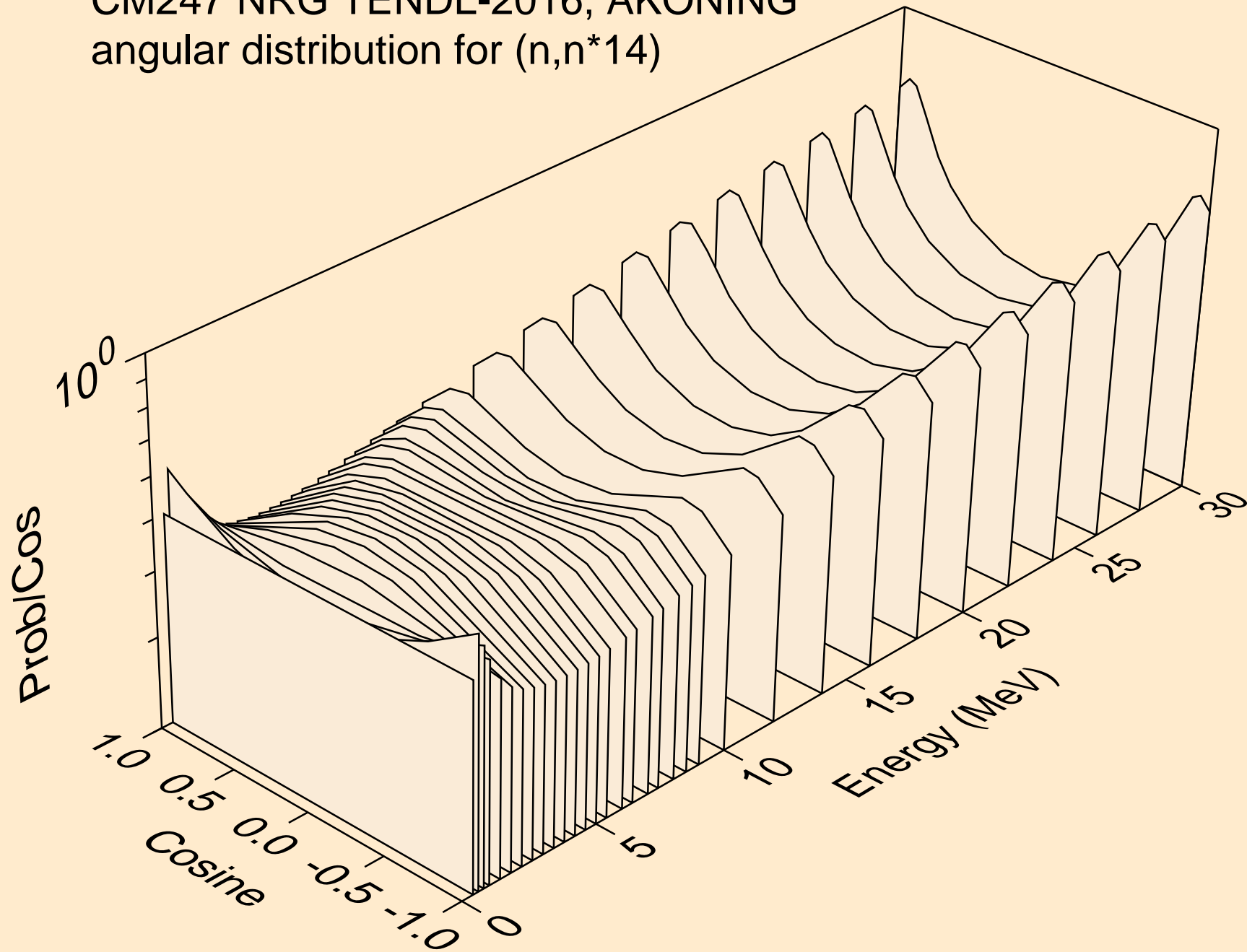
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*12)



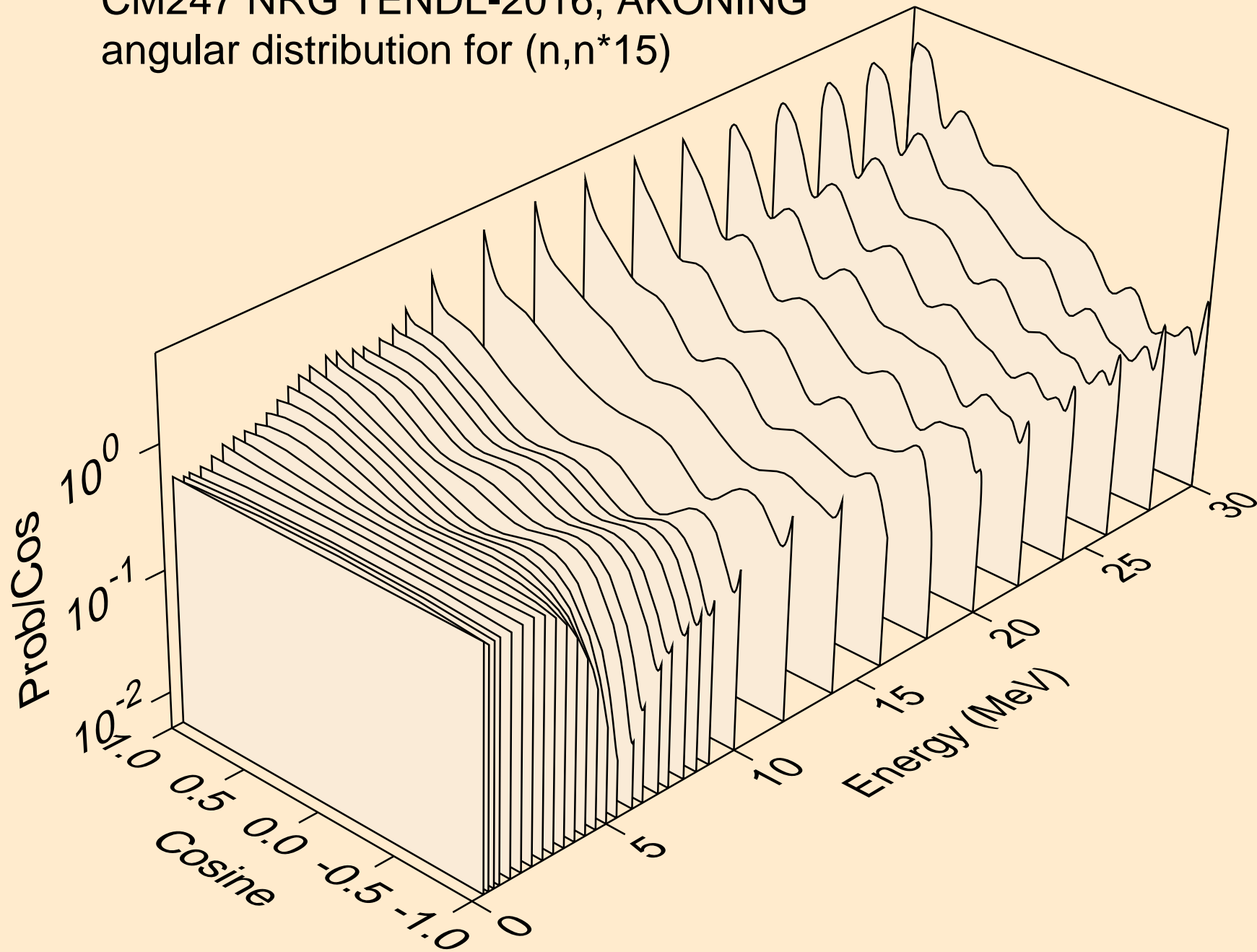
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*13)



CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*14)

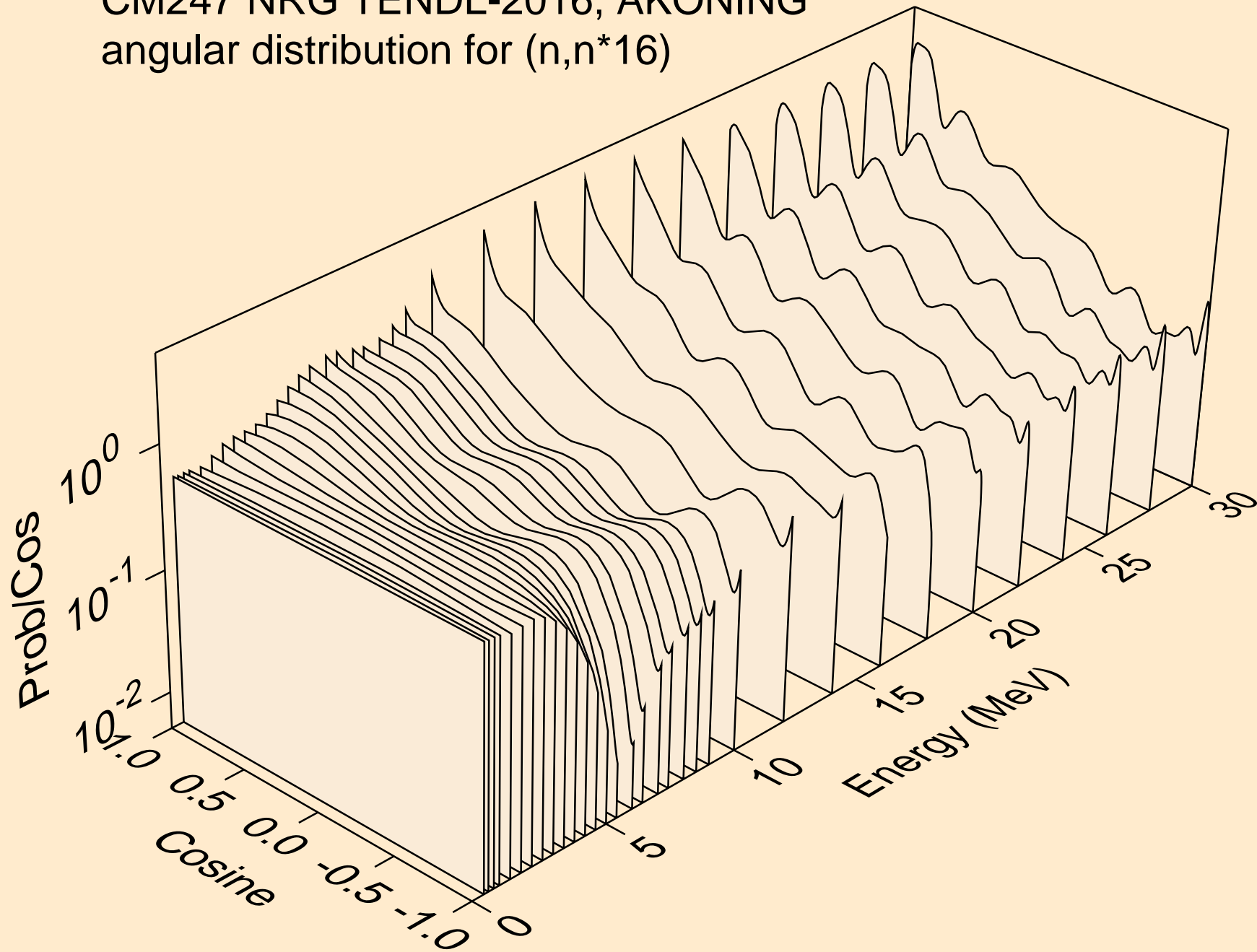


CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*15)

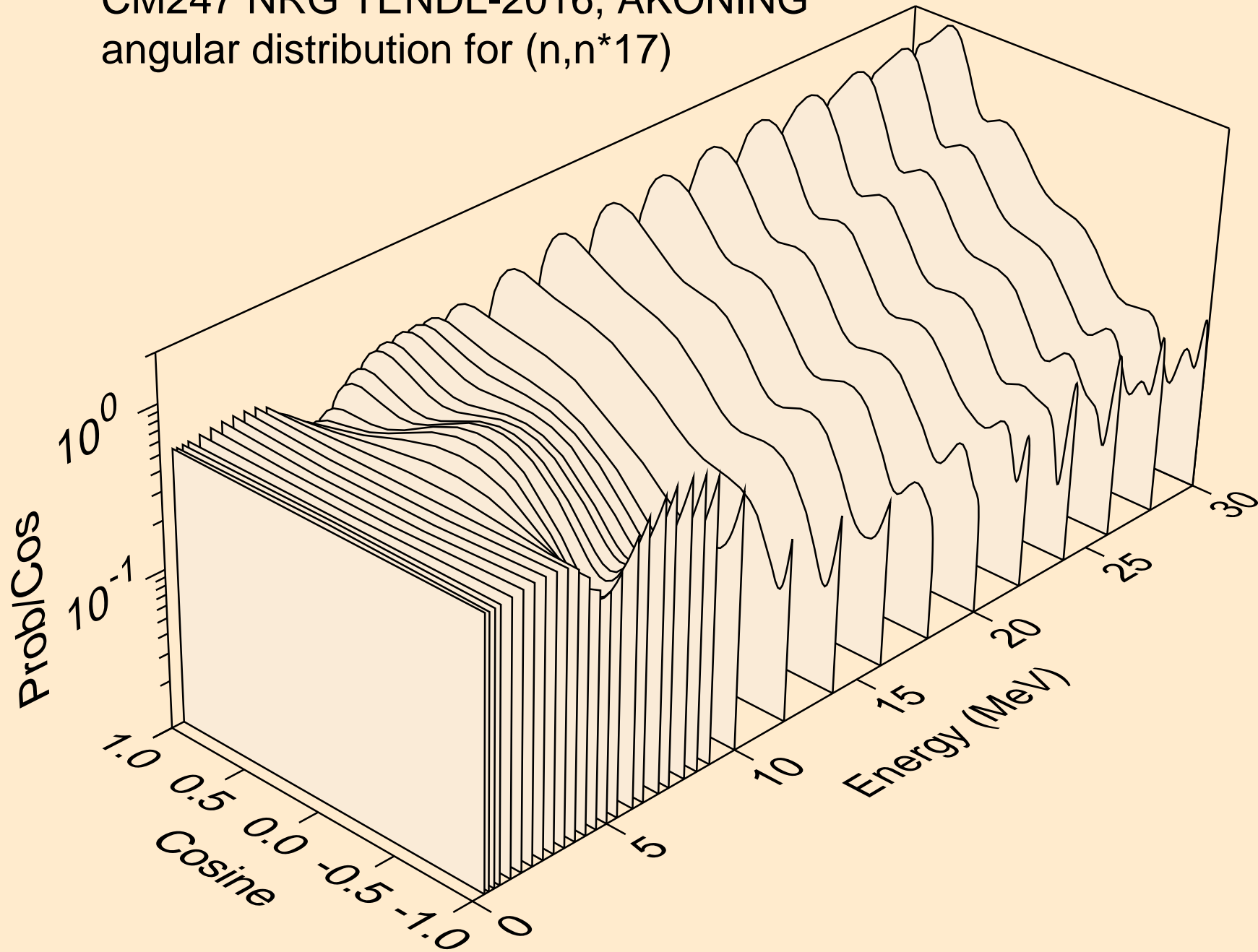




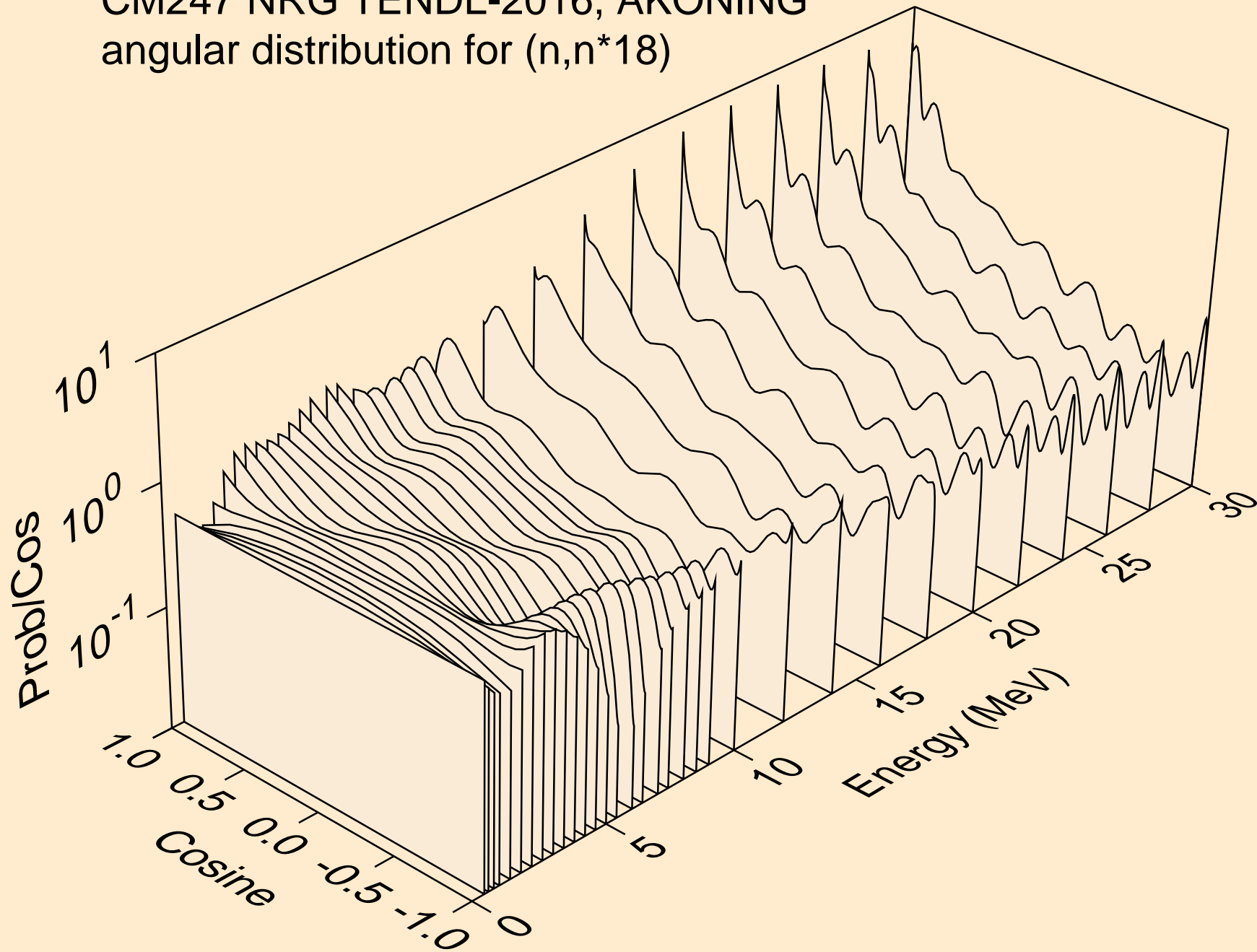
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*16)



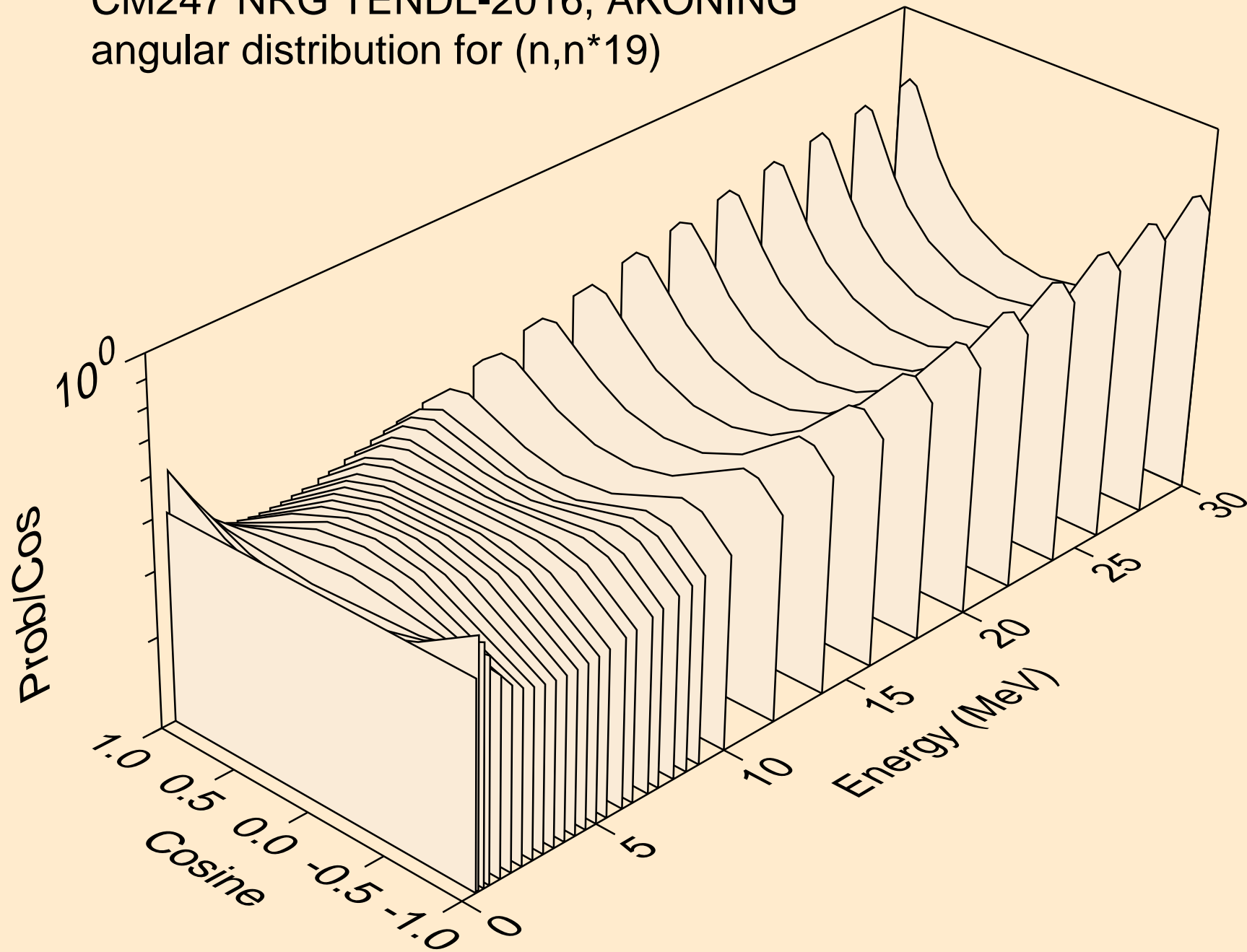
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*17)



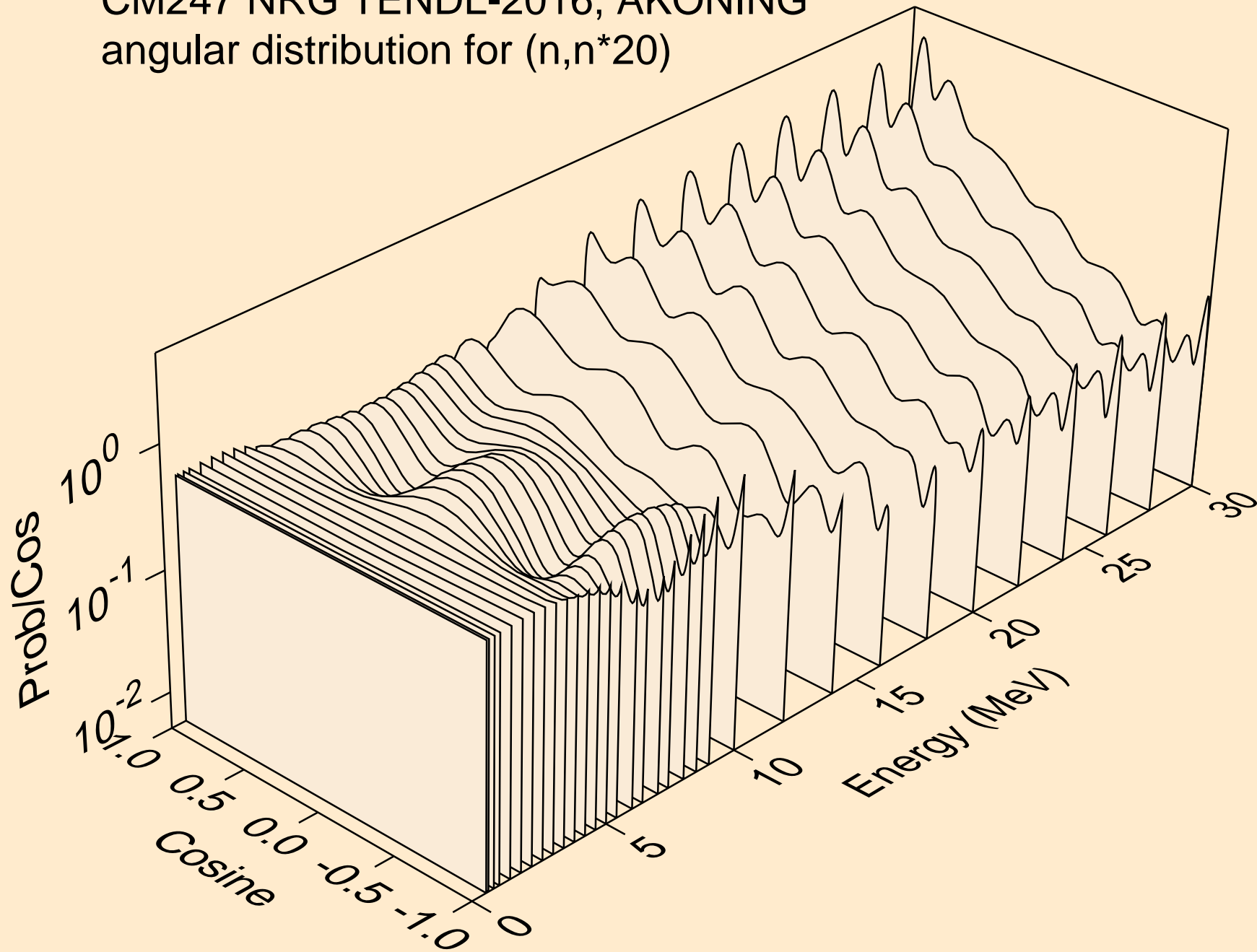
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*18)



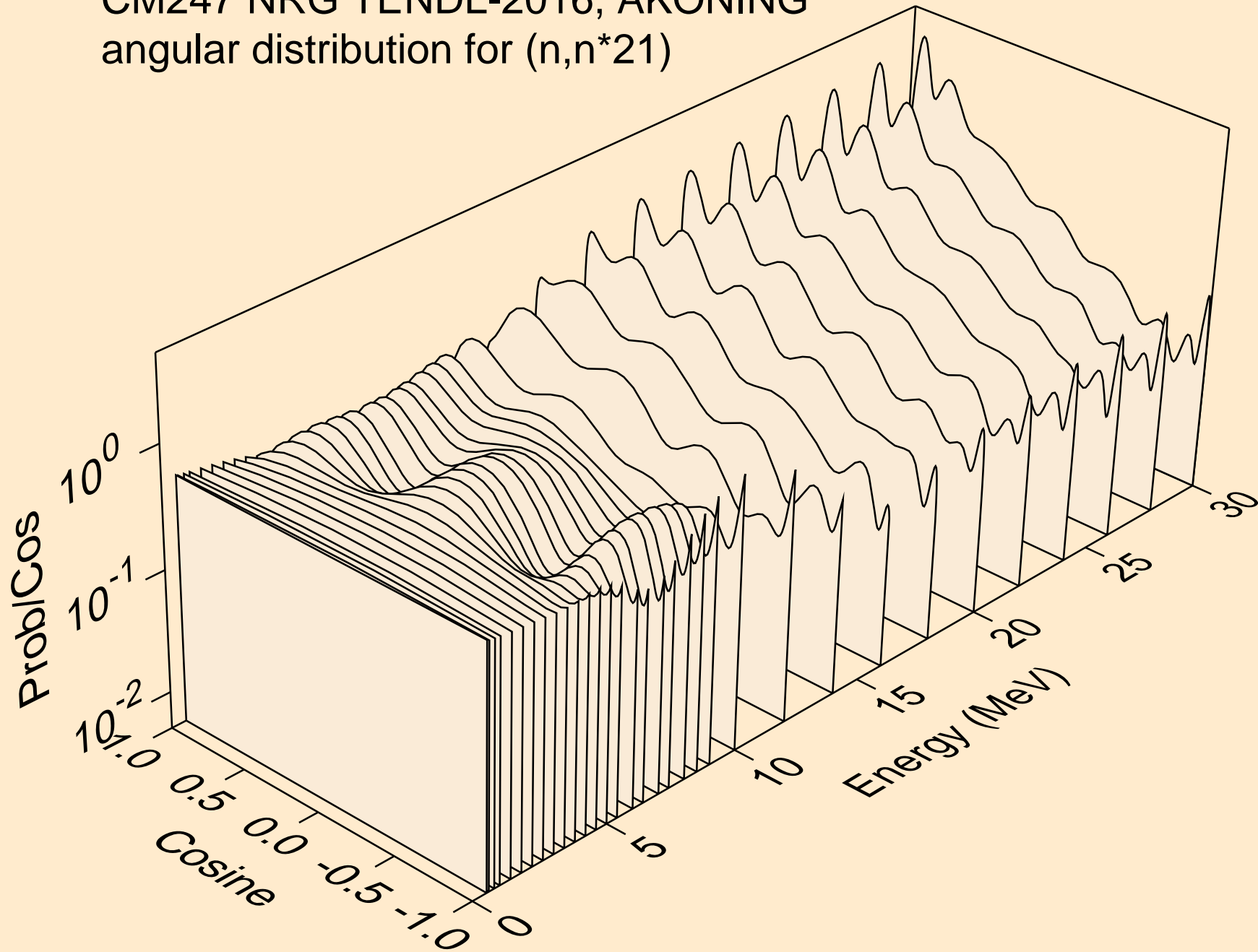
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*19)



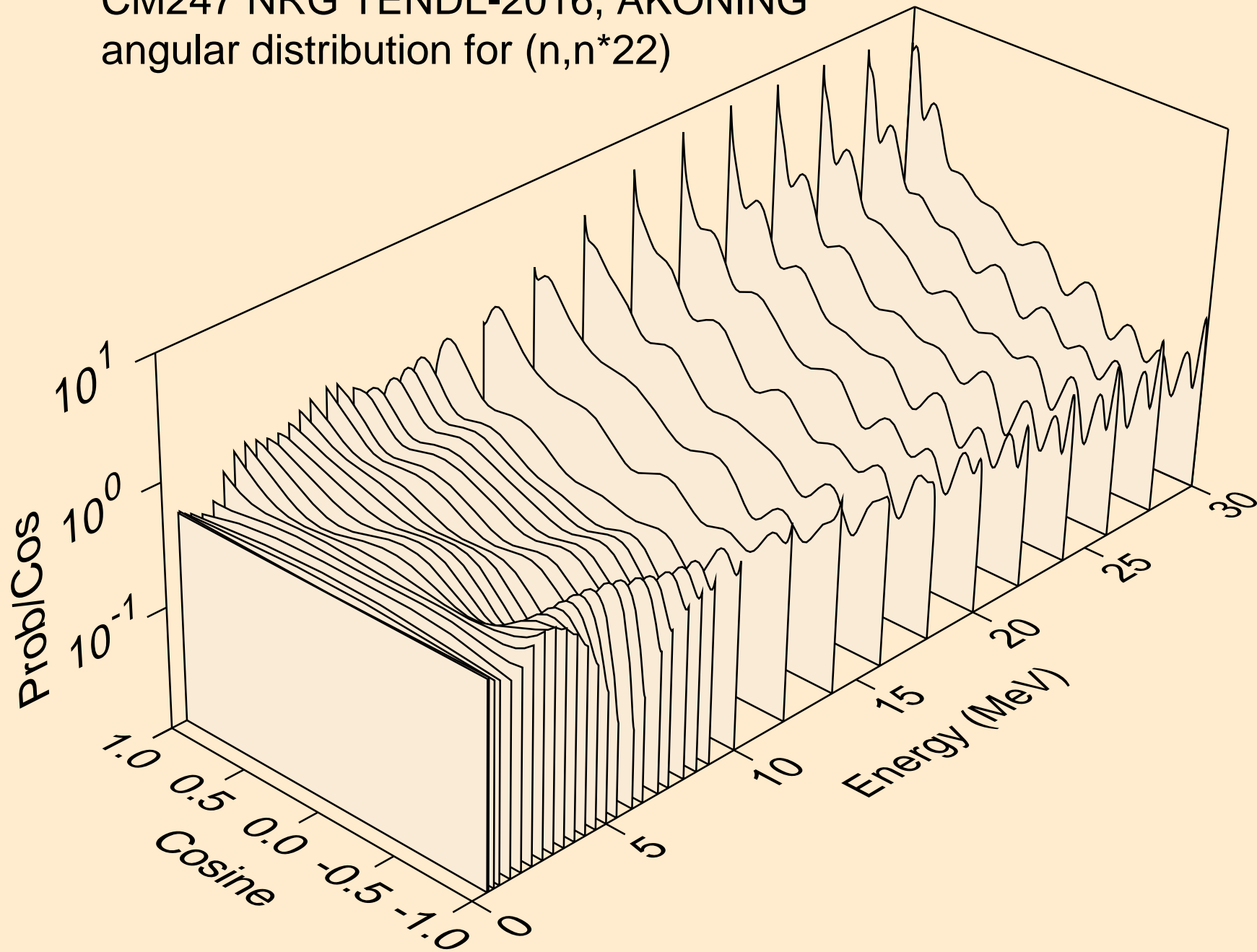
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*20)



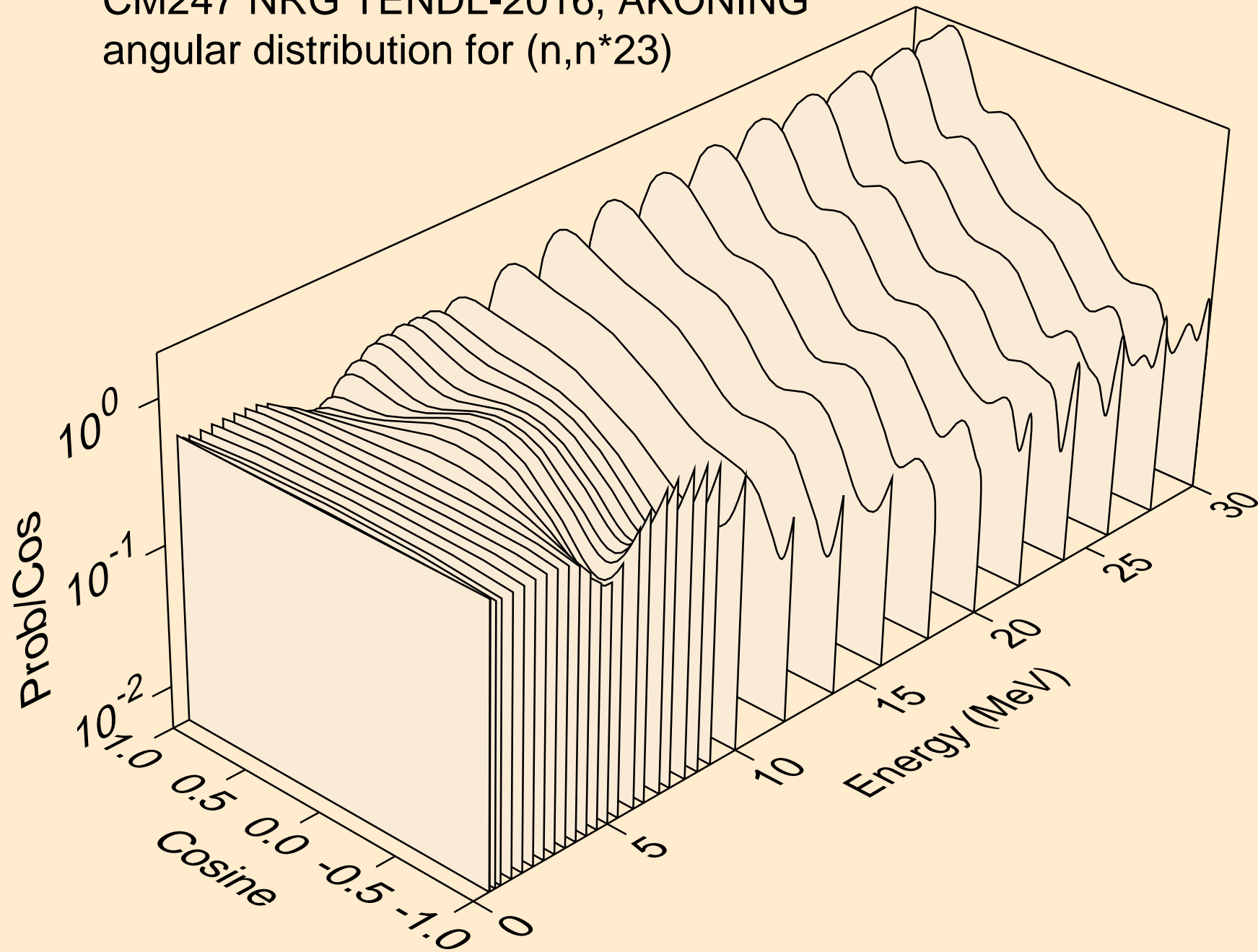
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*21)



CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*22)

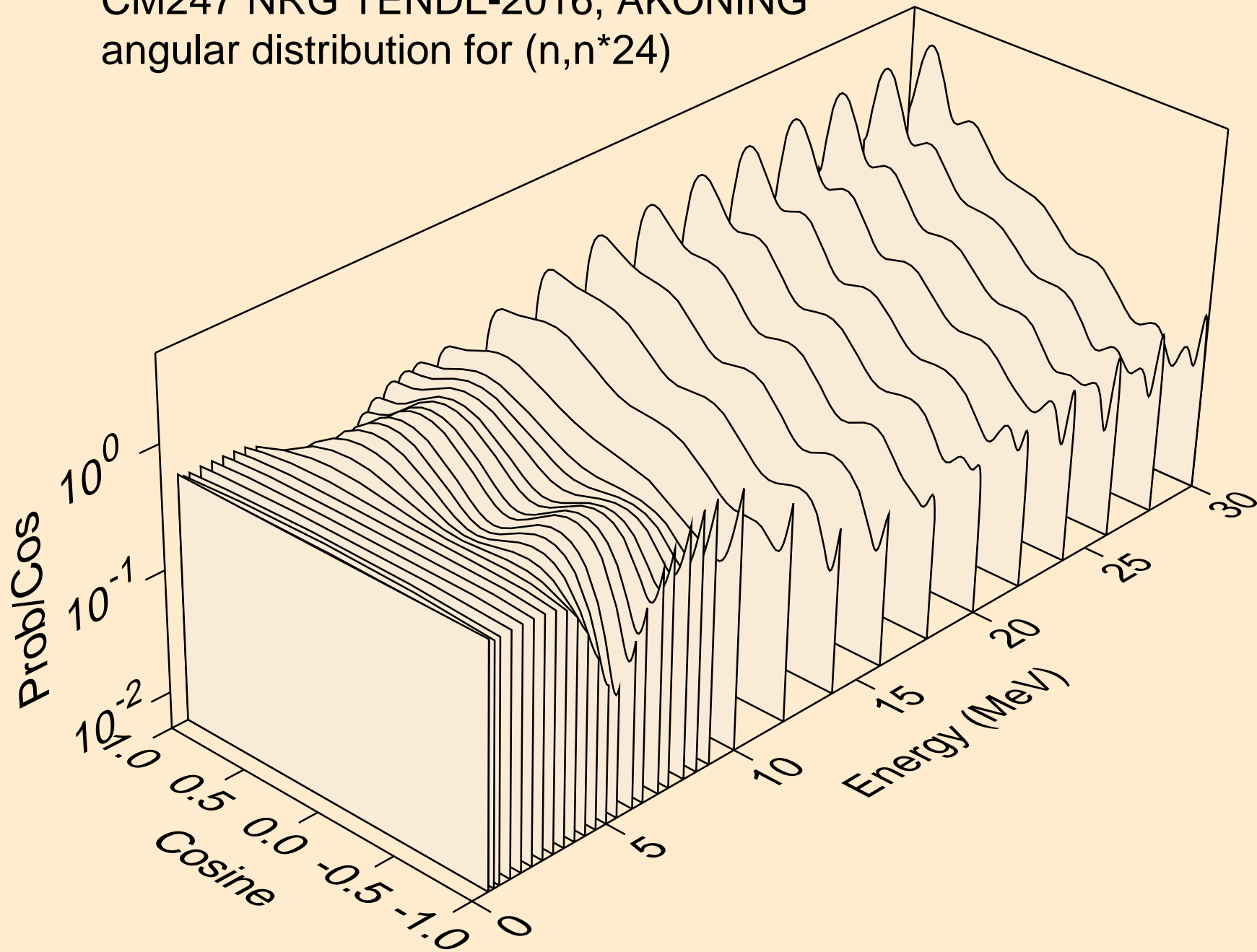


CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*23)

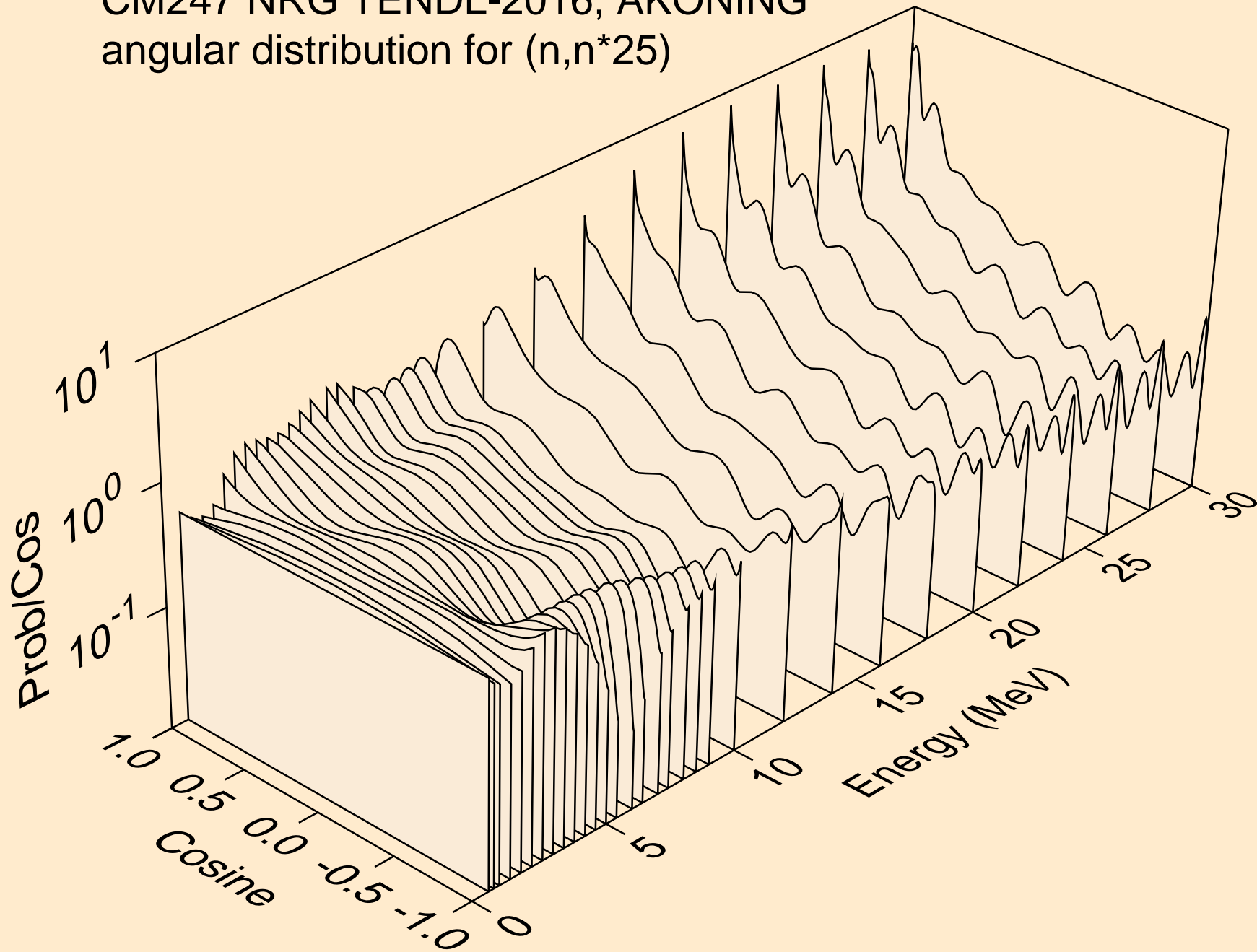




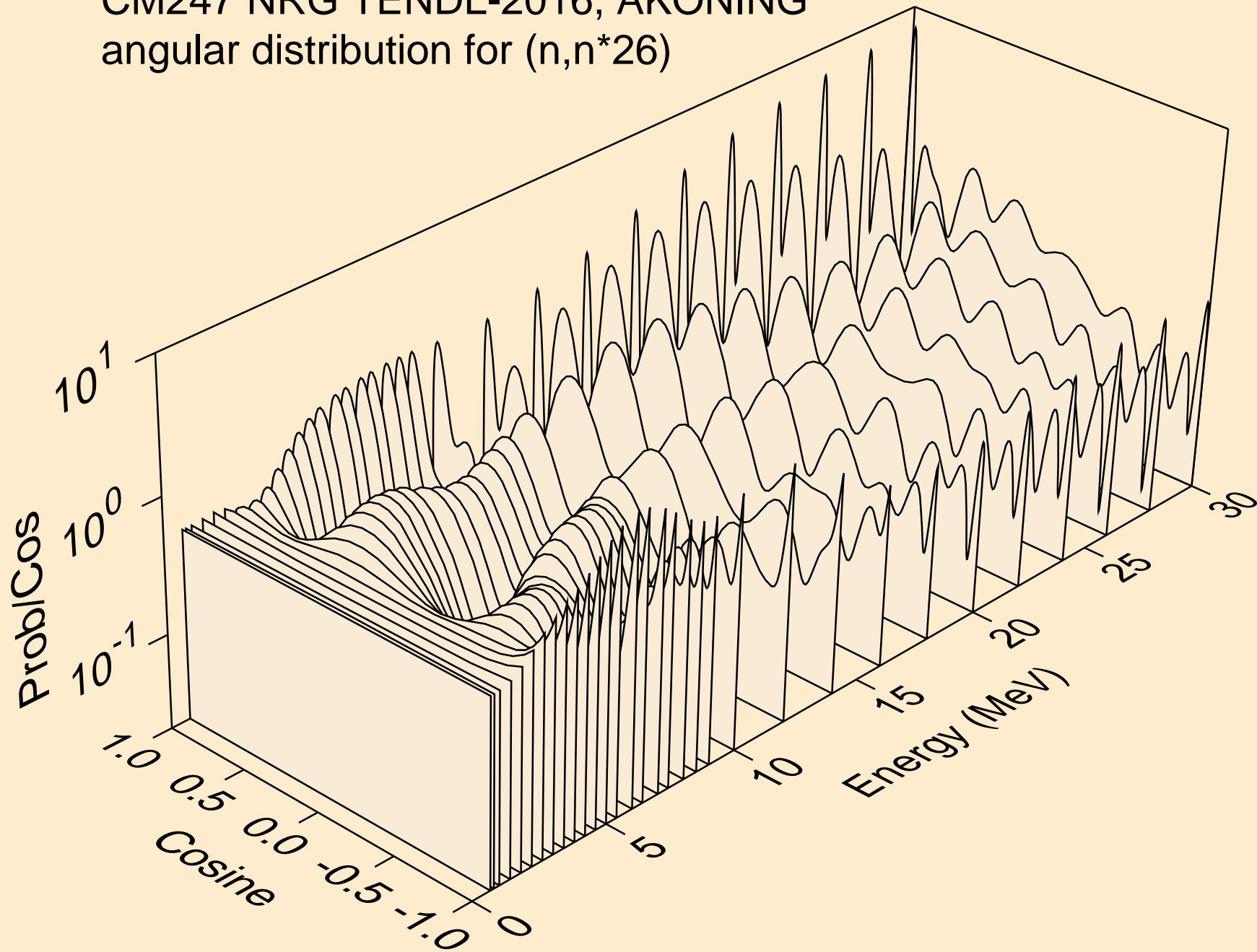
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*24)



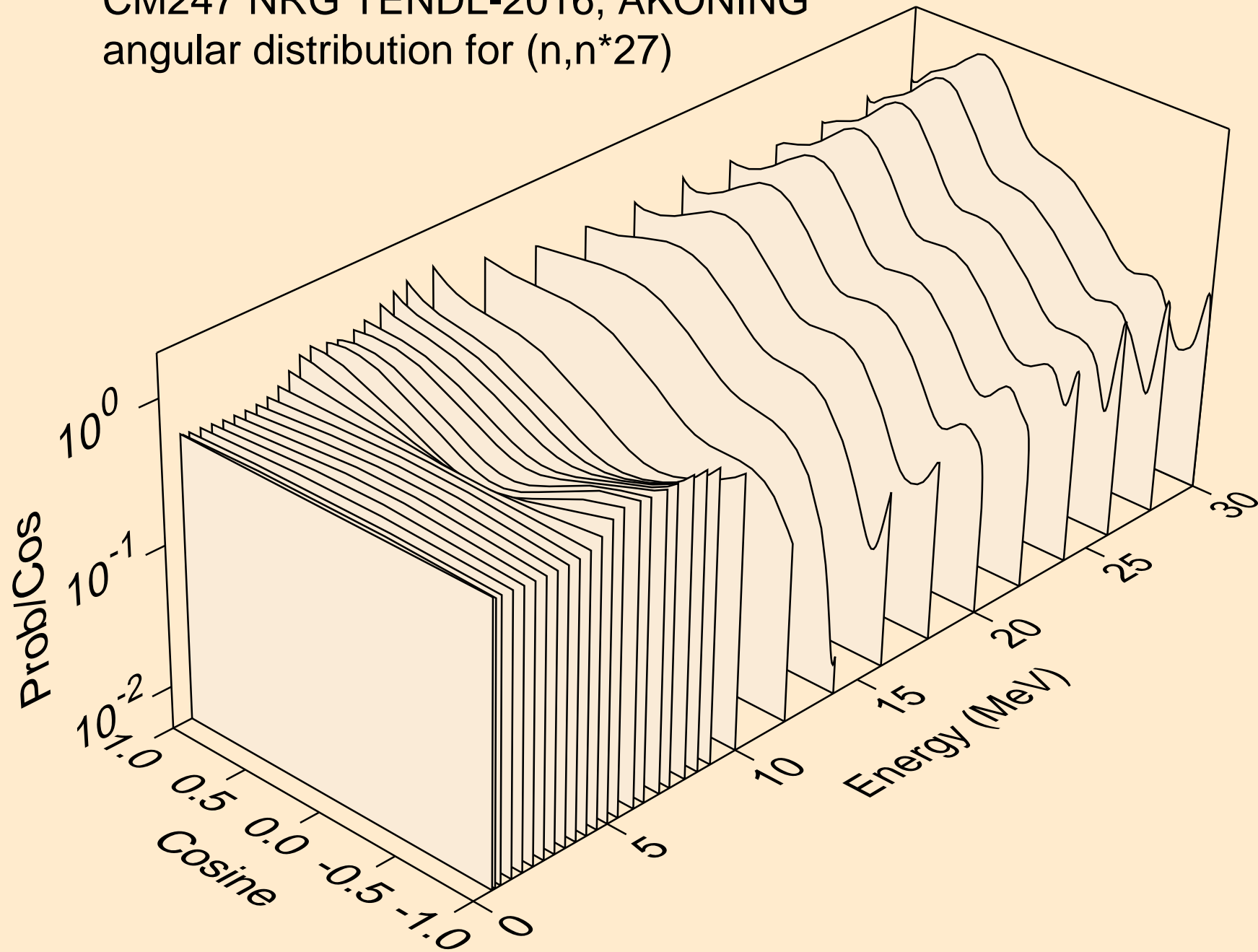
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*25)



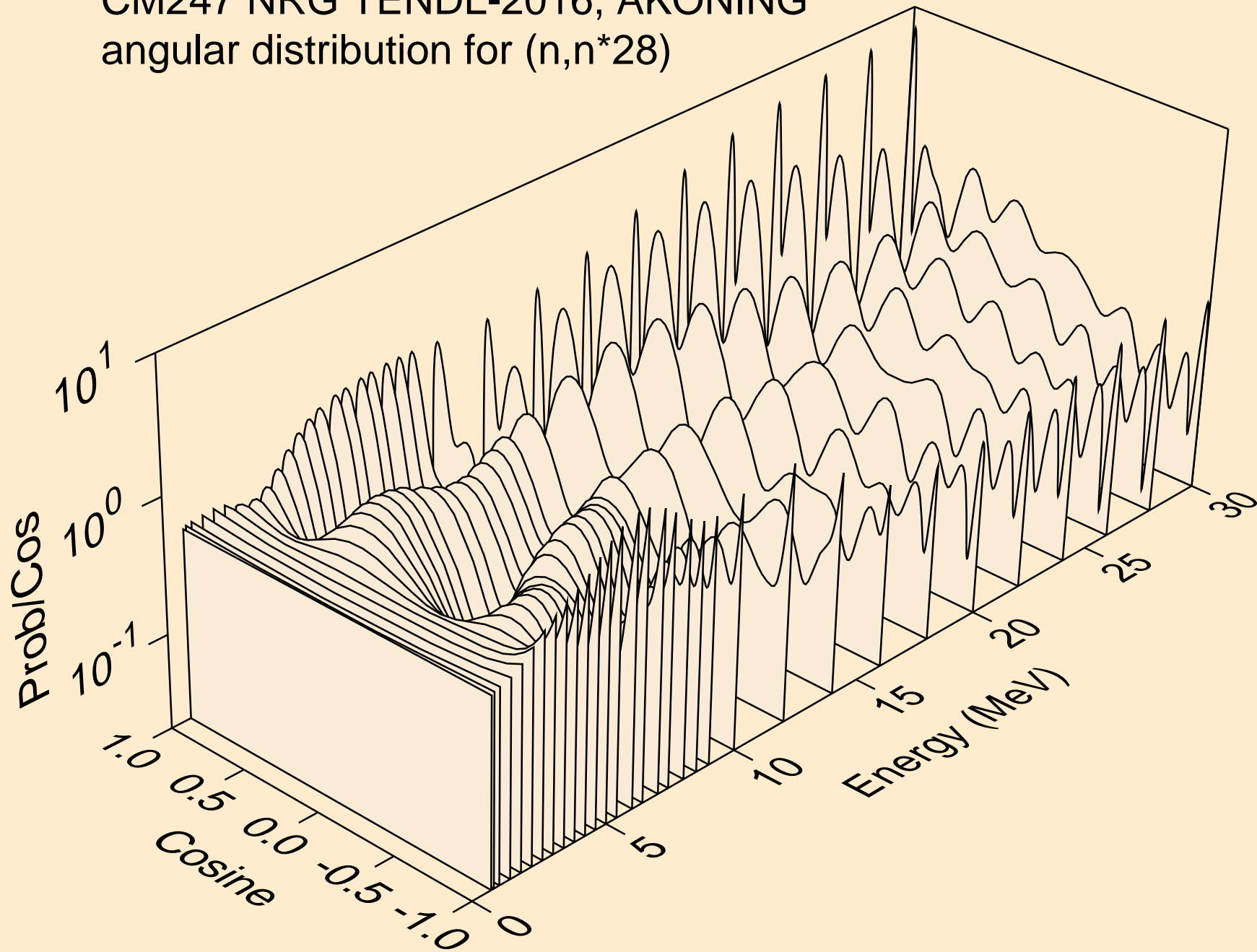
CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*26)



CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*27)

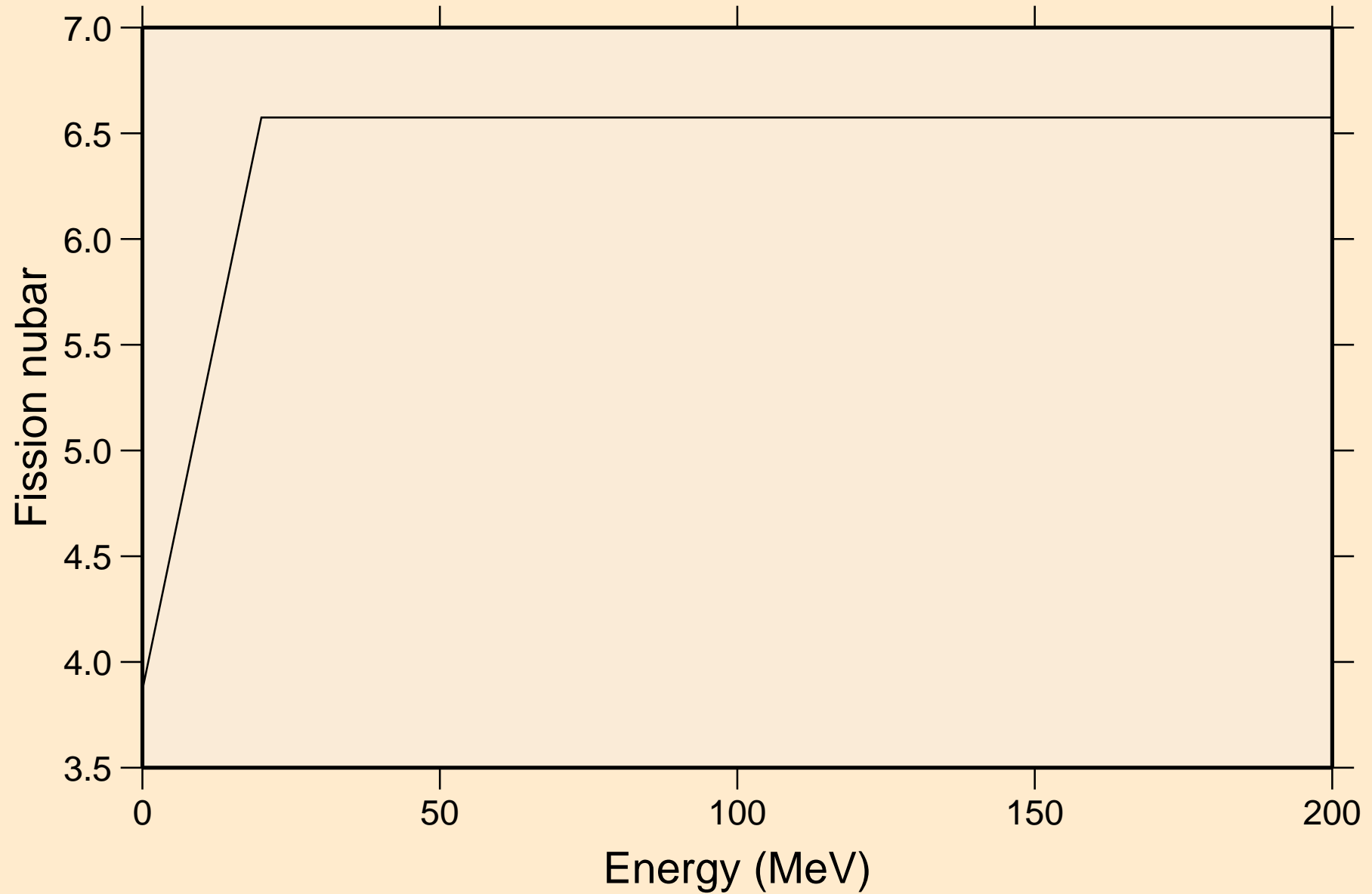


CM247 NRG TENDL-2016, AKONING  
angular distribution for (n,n\*28)

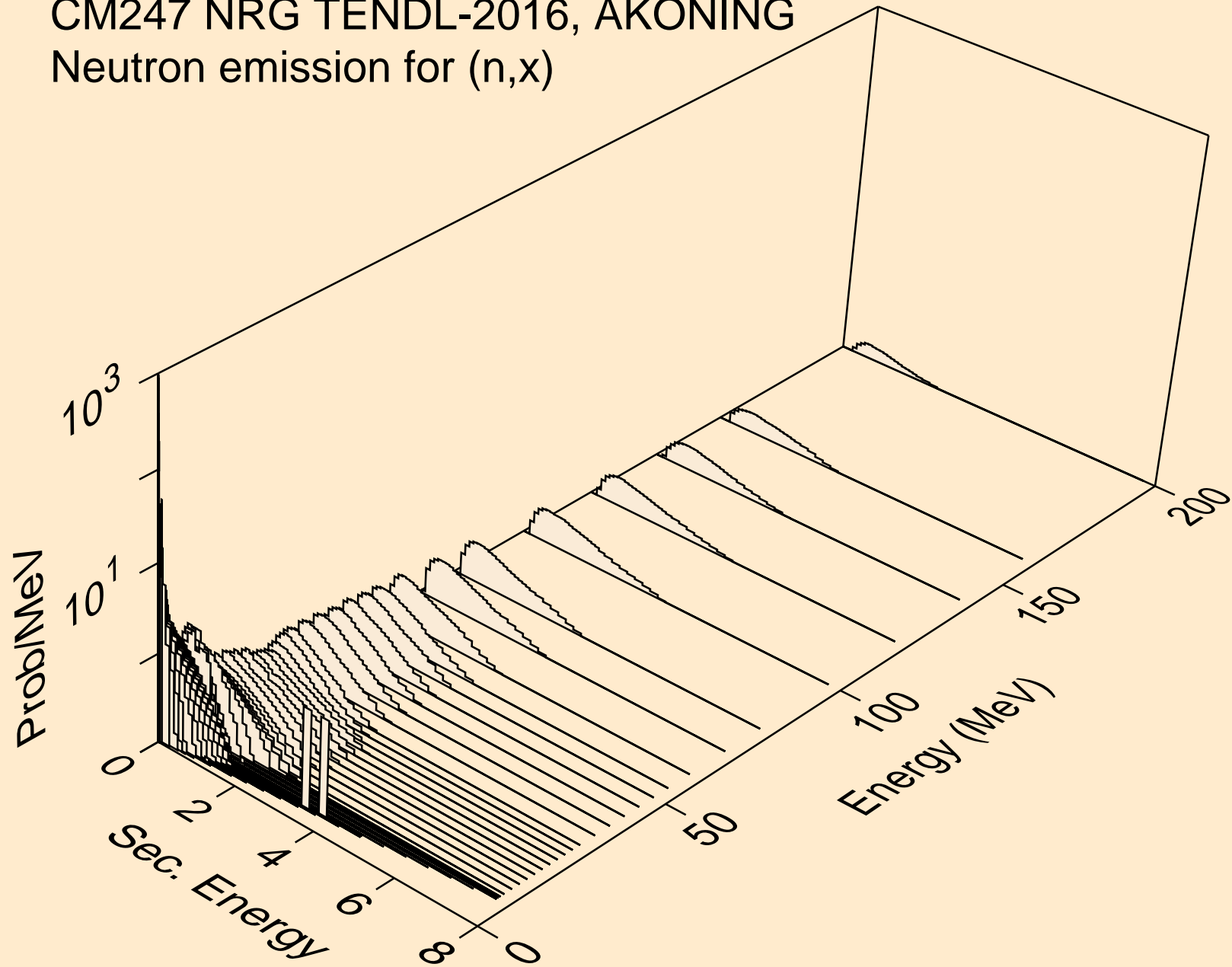


# CM247 NRG TENDL-2016, AKONING

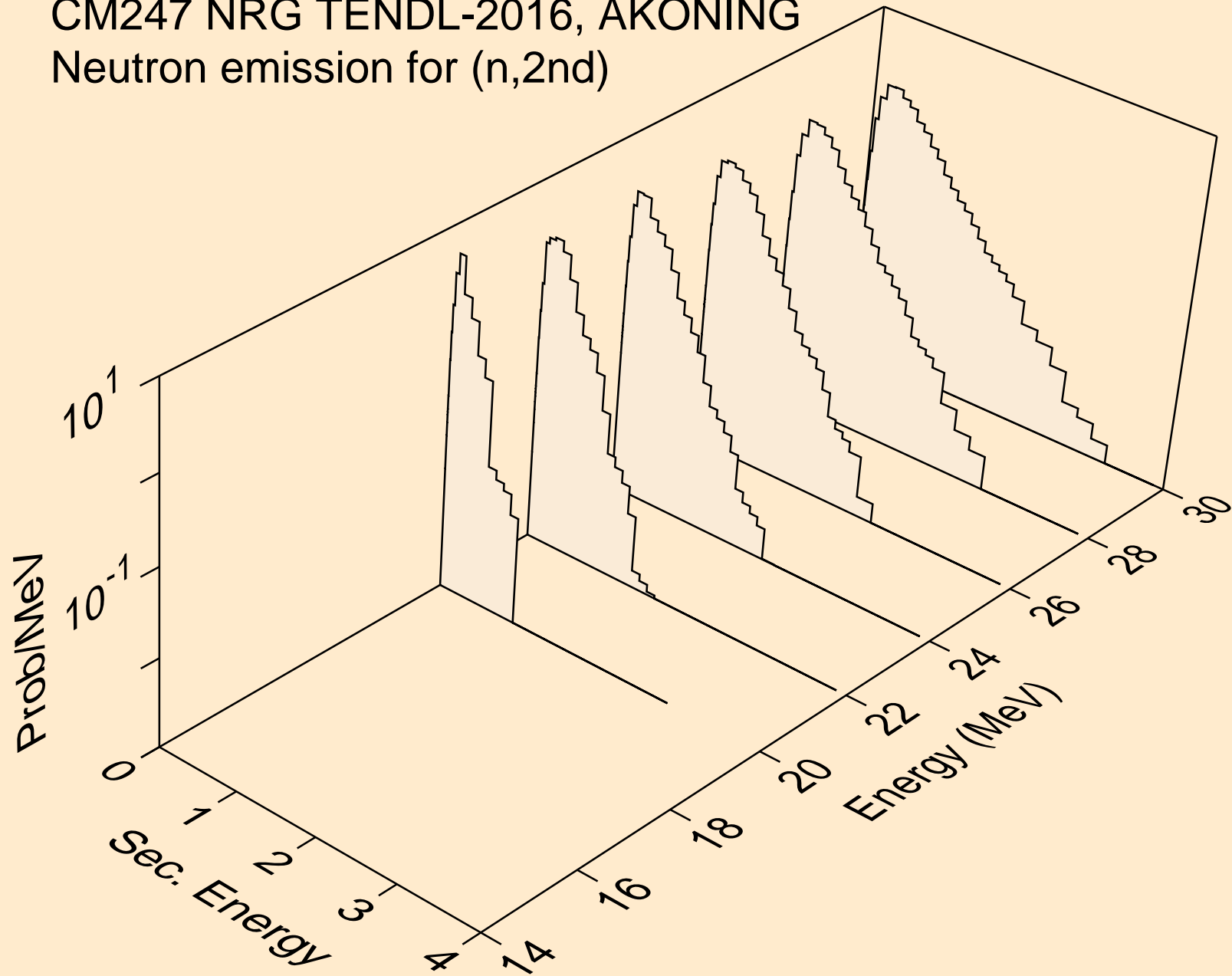
Total fission nubar



CM247 NRG TENDL-2016, AKONING  
Neutron emission for (n,x)

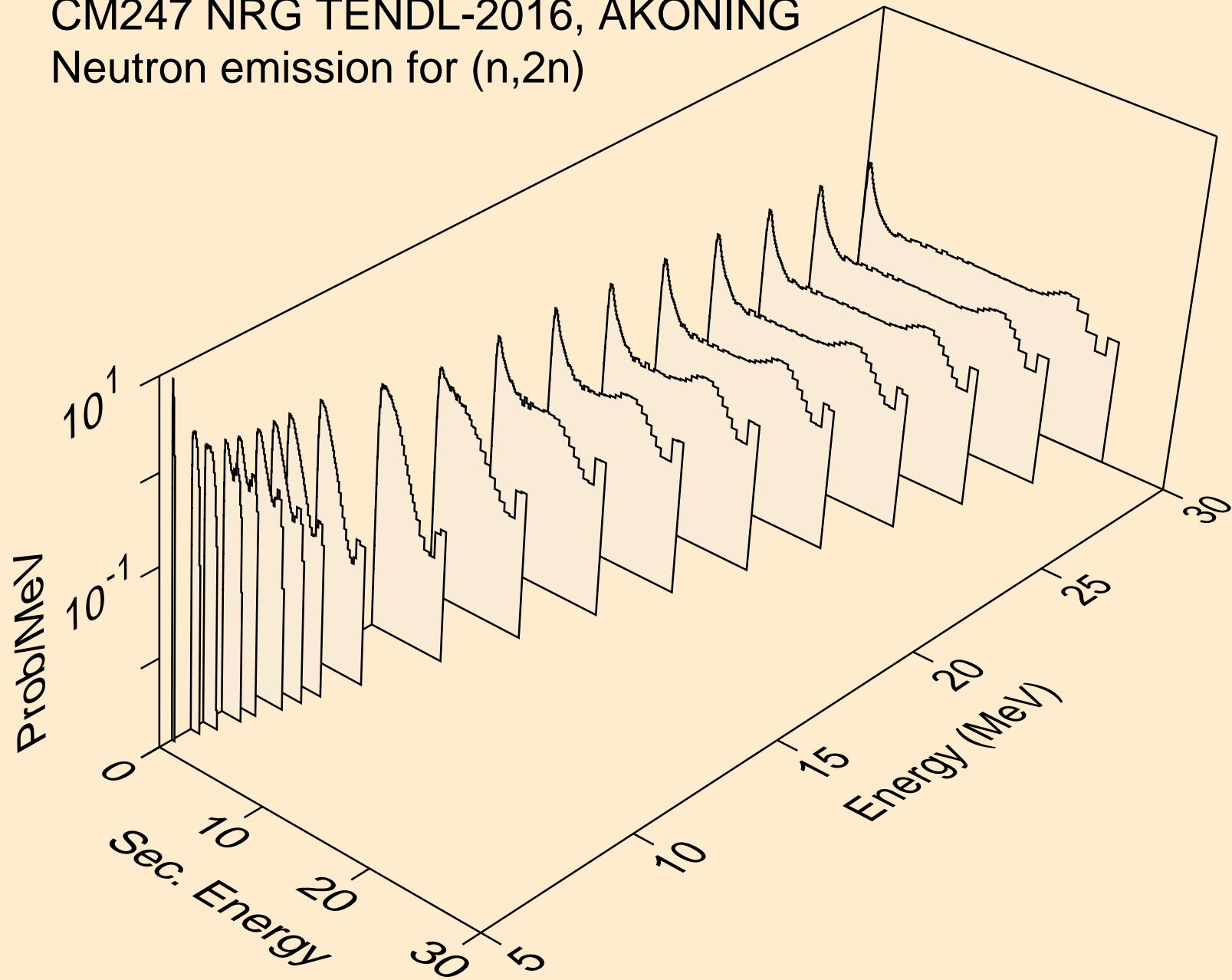


CM247 NRG TENDL-2016, AKONING  
Neutron emission for (n,2nd)

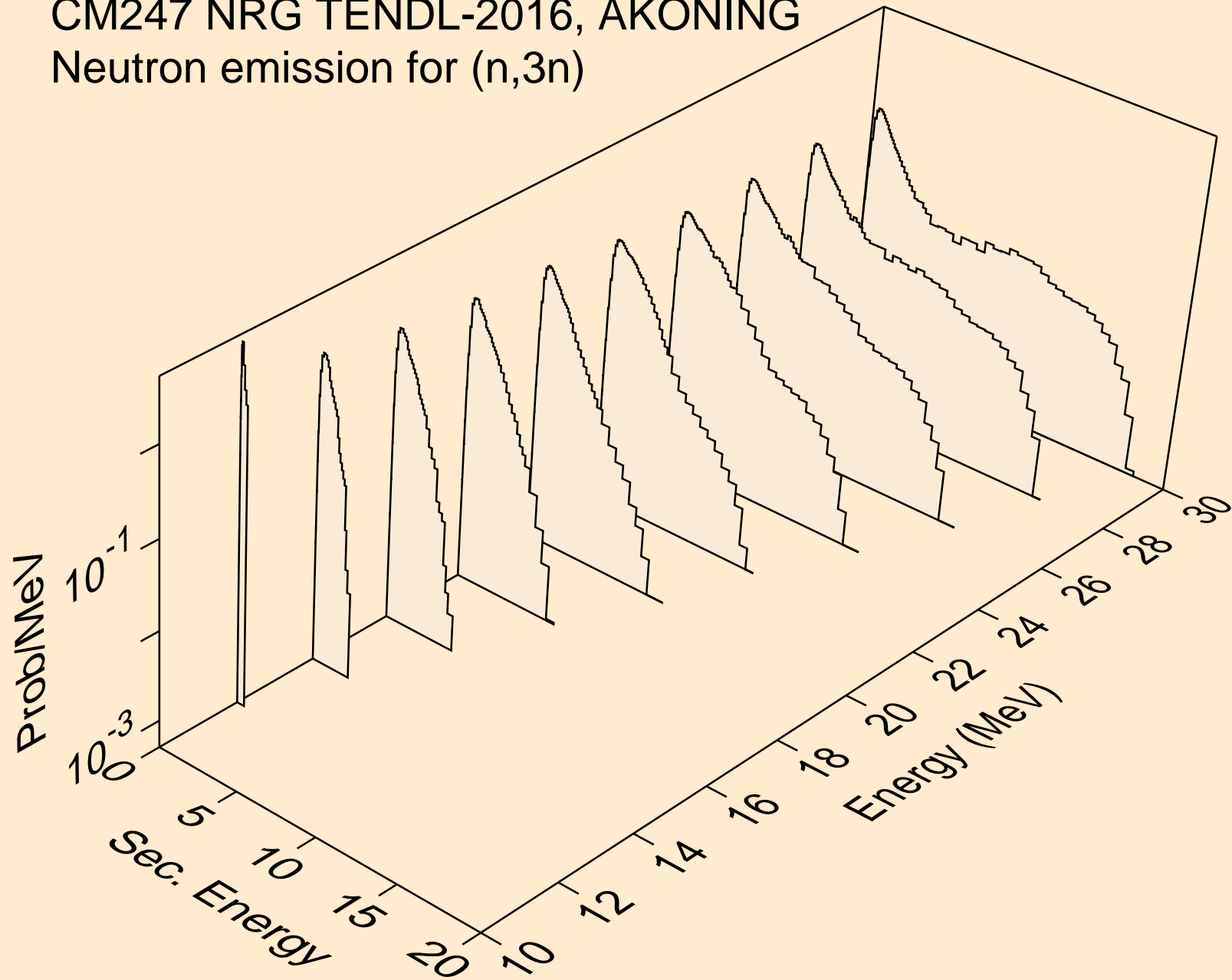




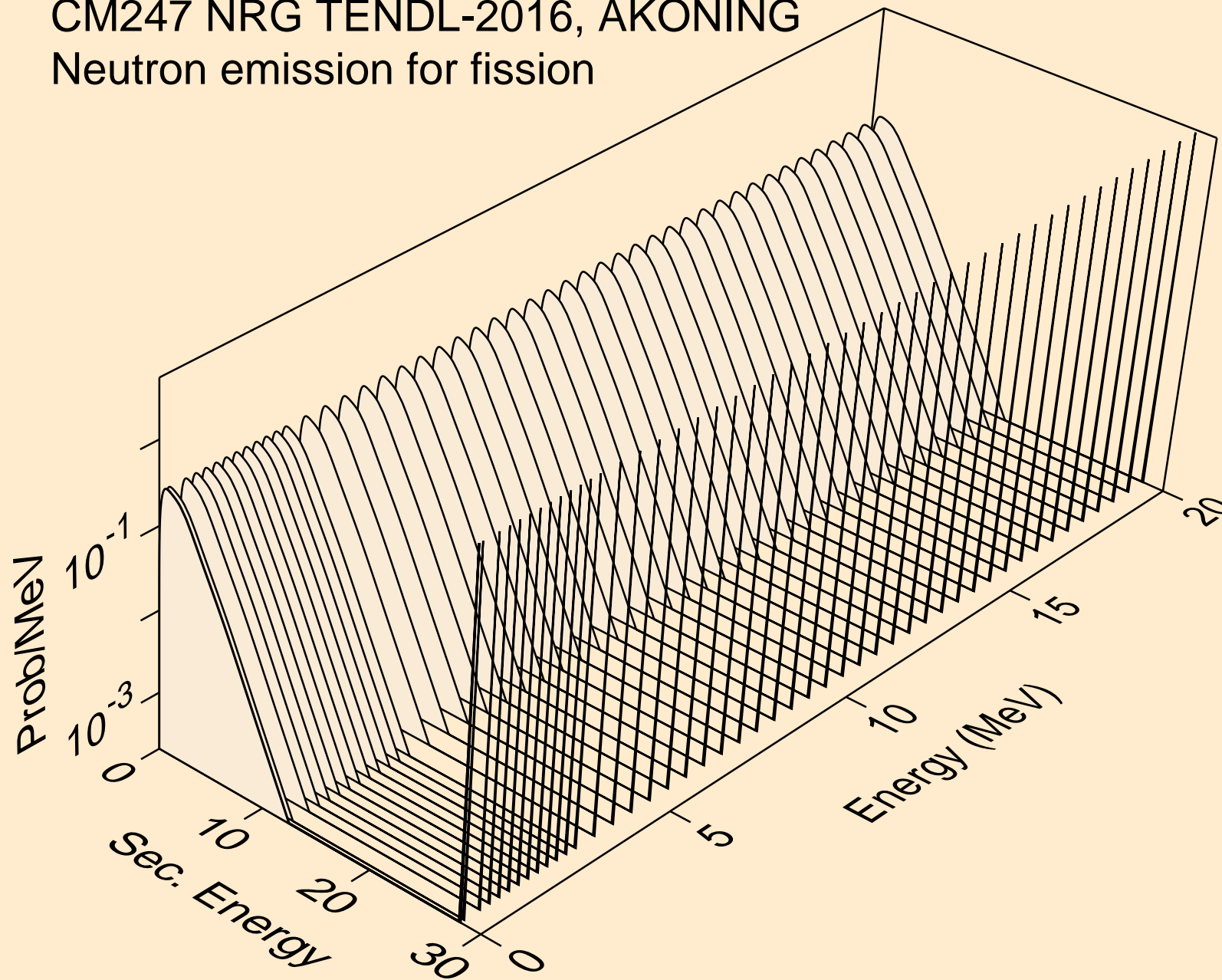
CM247 NRG TENDL-2016, AKONING  
Neutron emission for (n,2n)



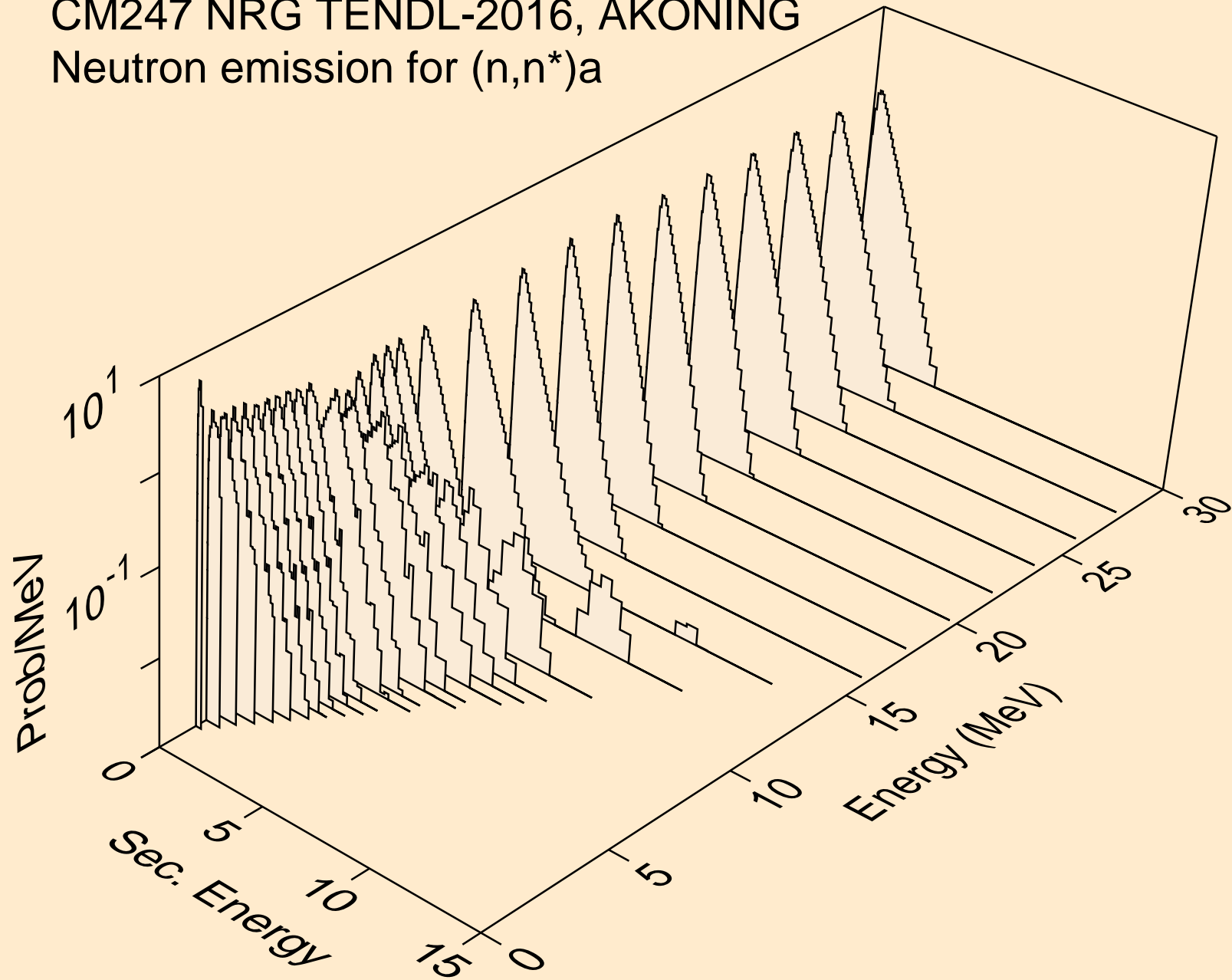
CM247 NRG TENDL-2016, AKONING  
Neutron emission for (n,3n)



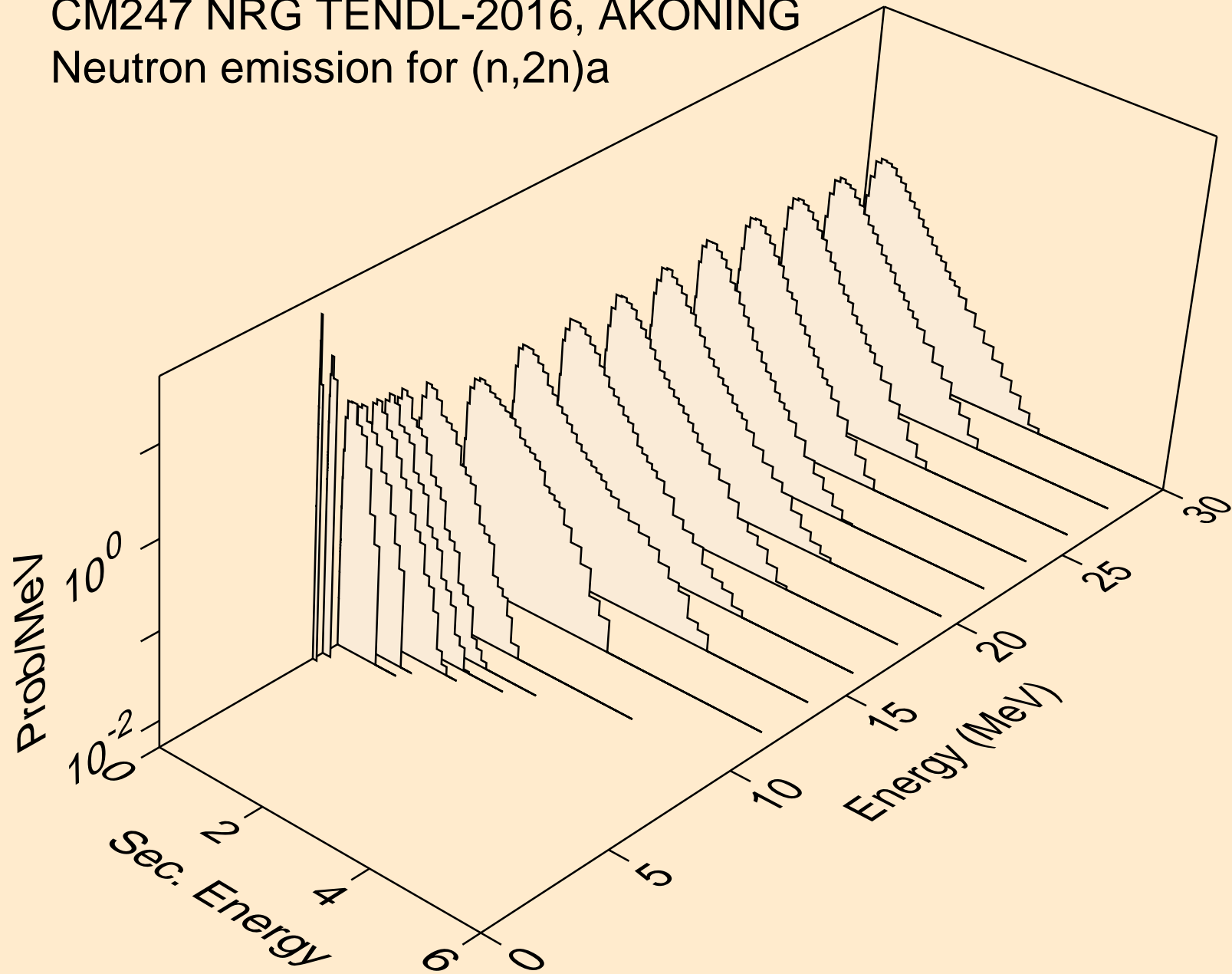
CM247 NRG TENDL-2016, AKONING  
Neutron emission for fission



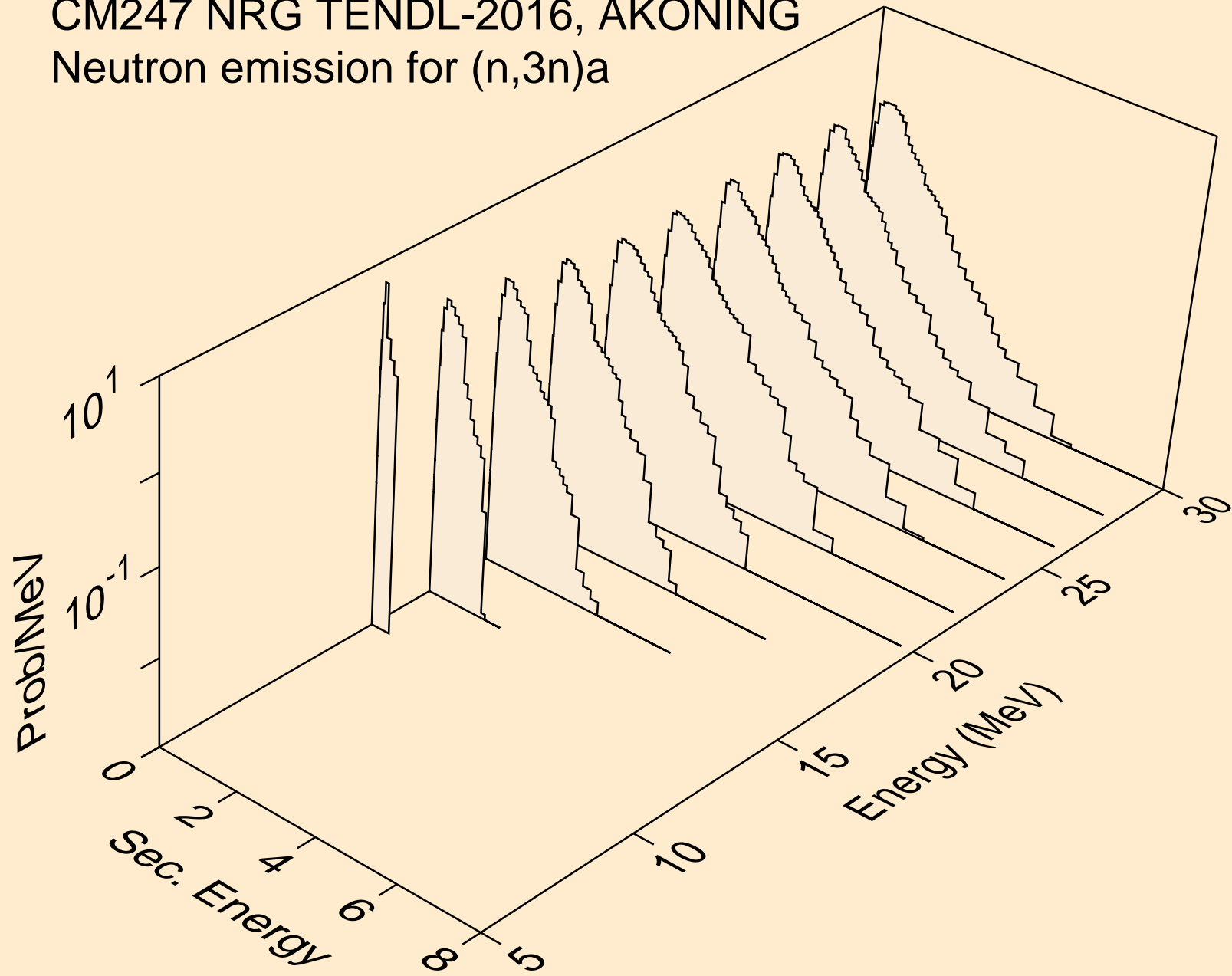
CM247 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)a



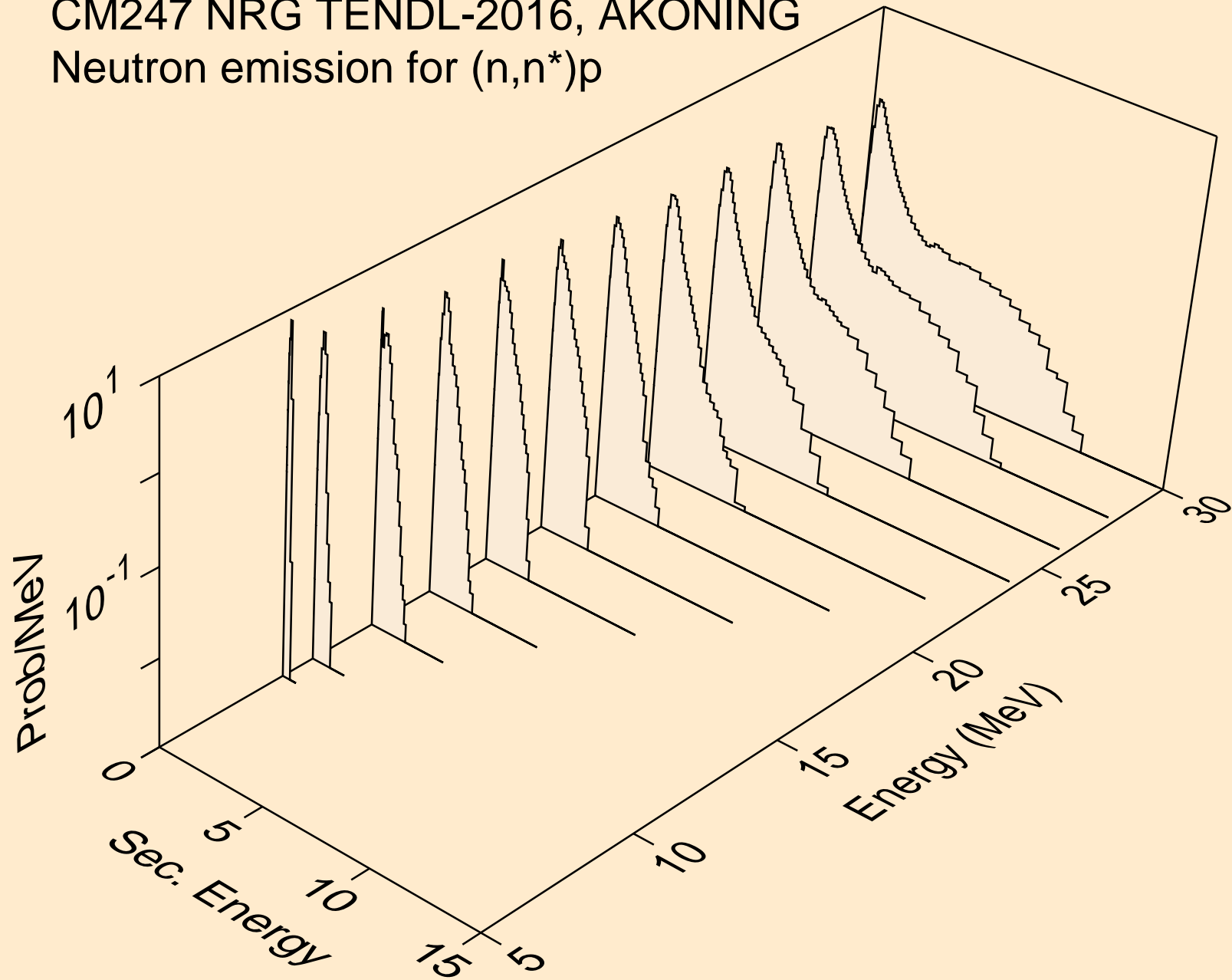
CM247 NRG TENDL-2016, AKONING  
Neutron emission for (n,2n)a



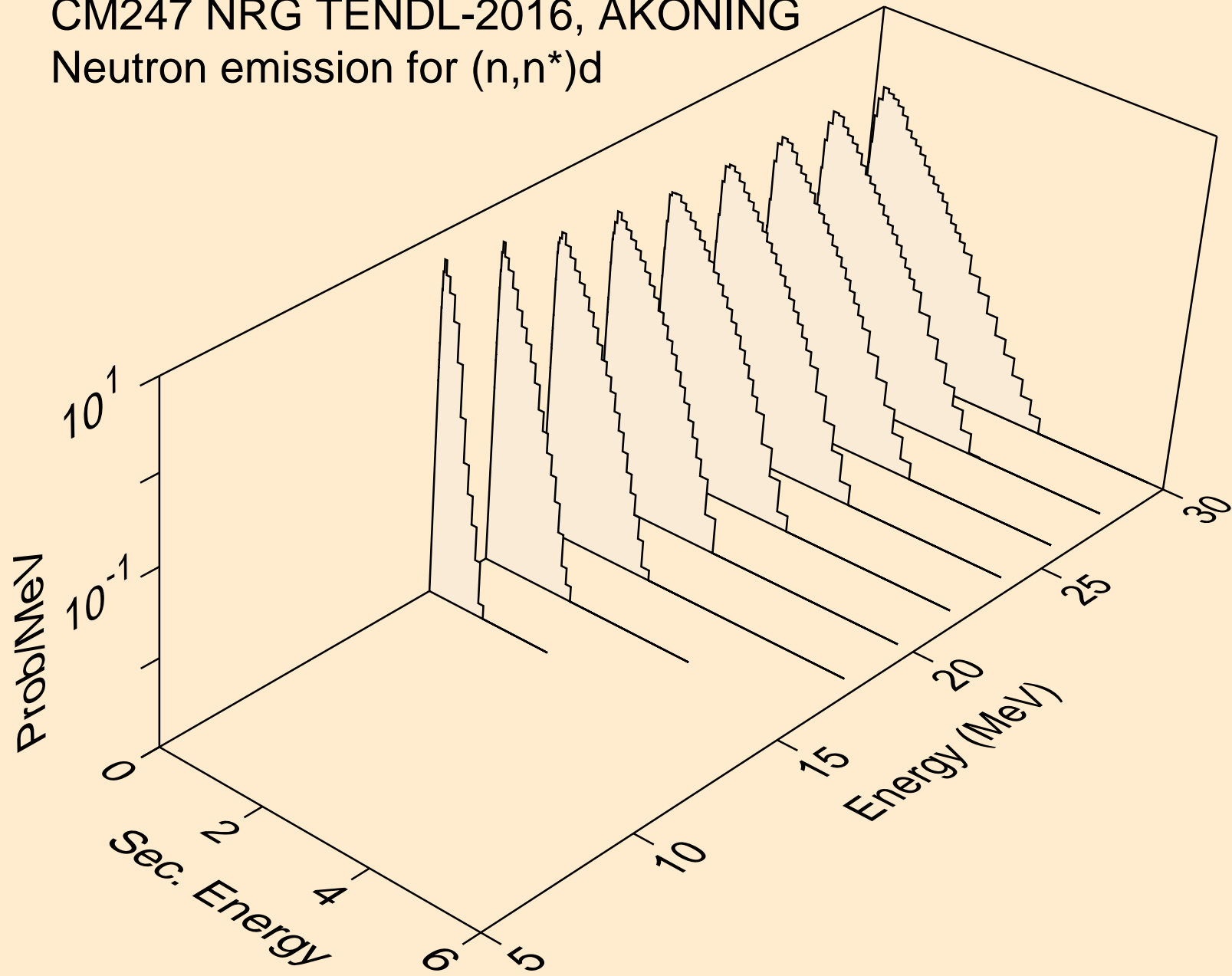
CM247 NRG TENDL-2016, AKONING  
Neutron emission for (n,3n)a



CM247 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)p

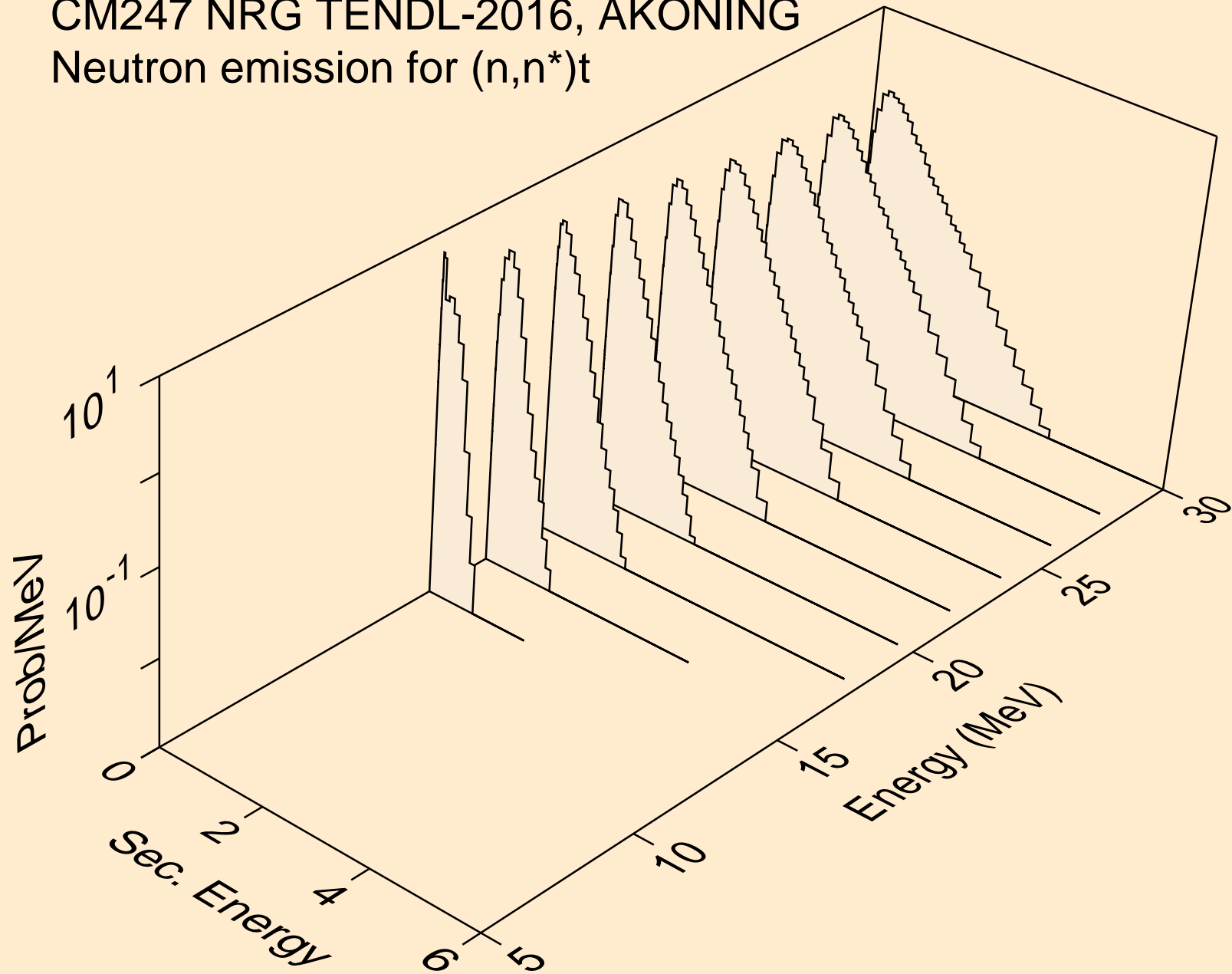


CM247 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)d

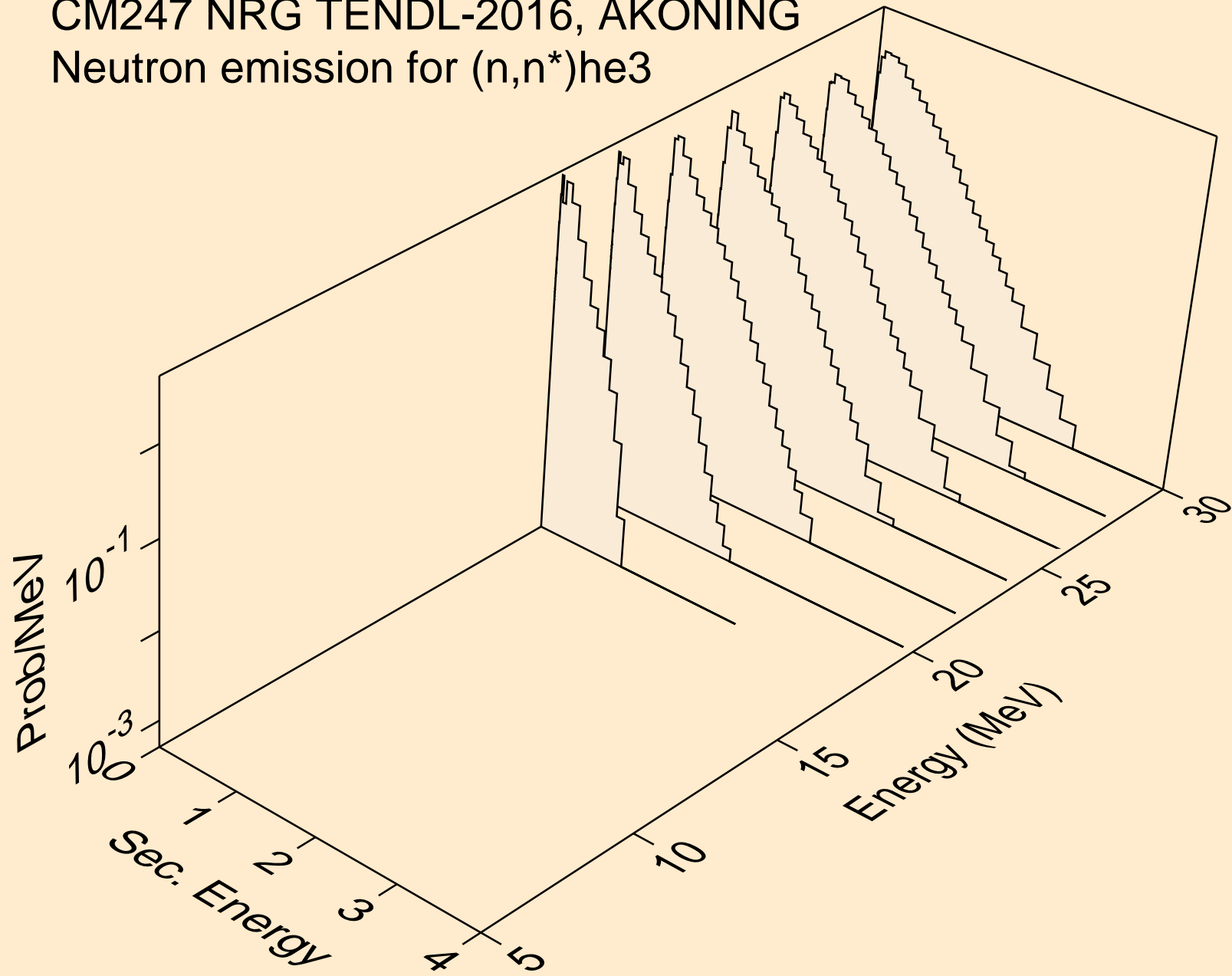




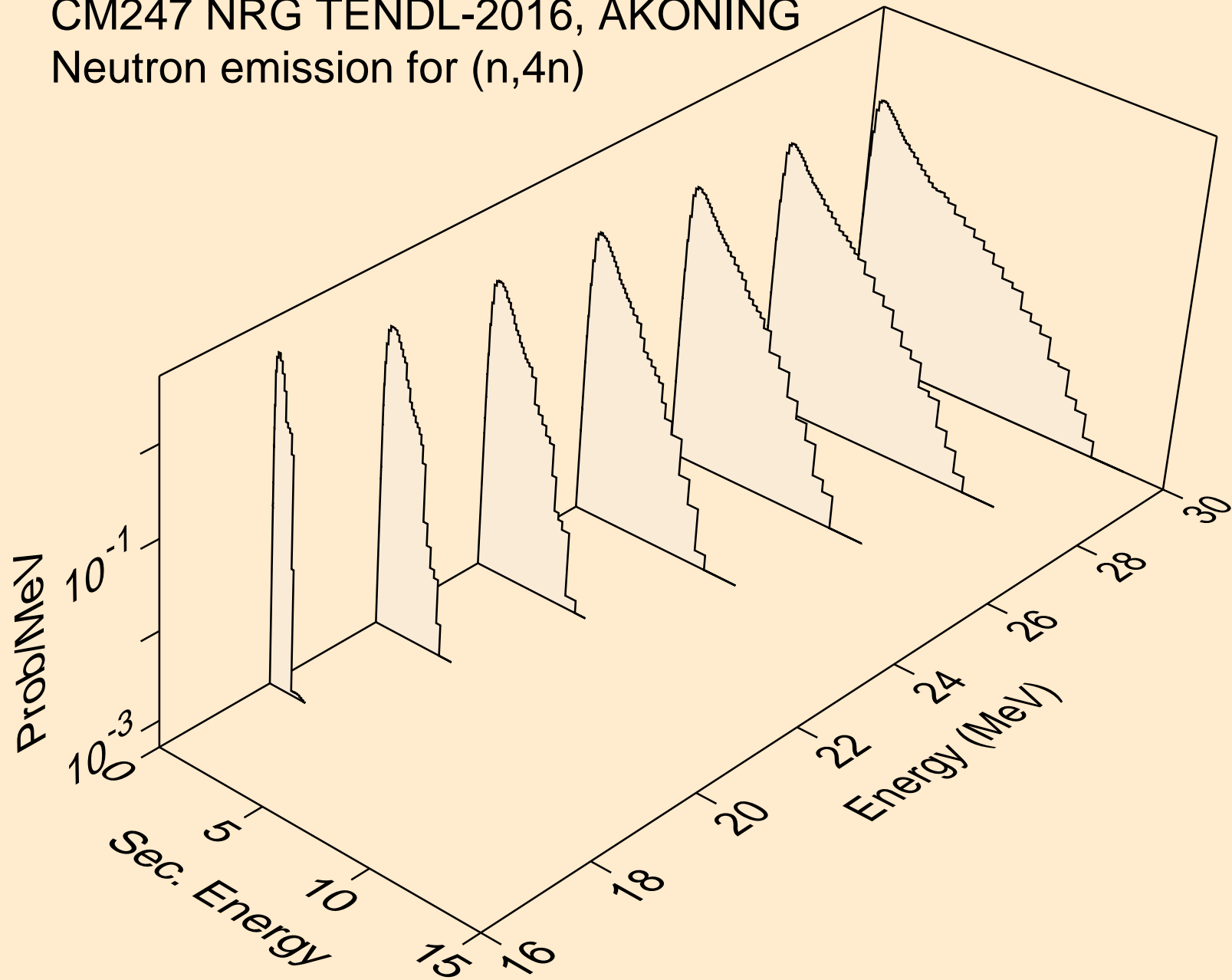
CM247 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)t



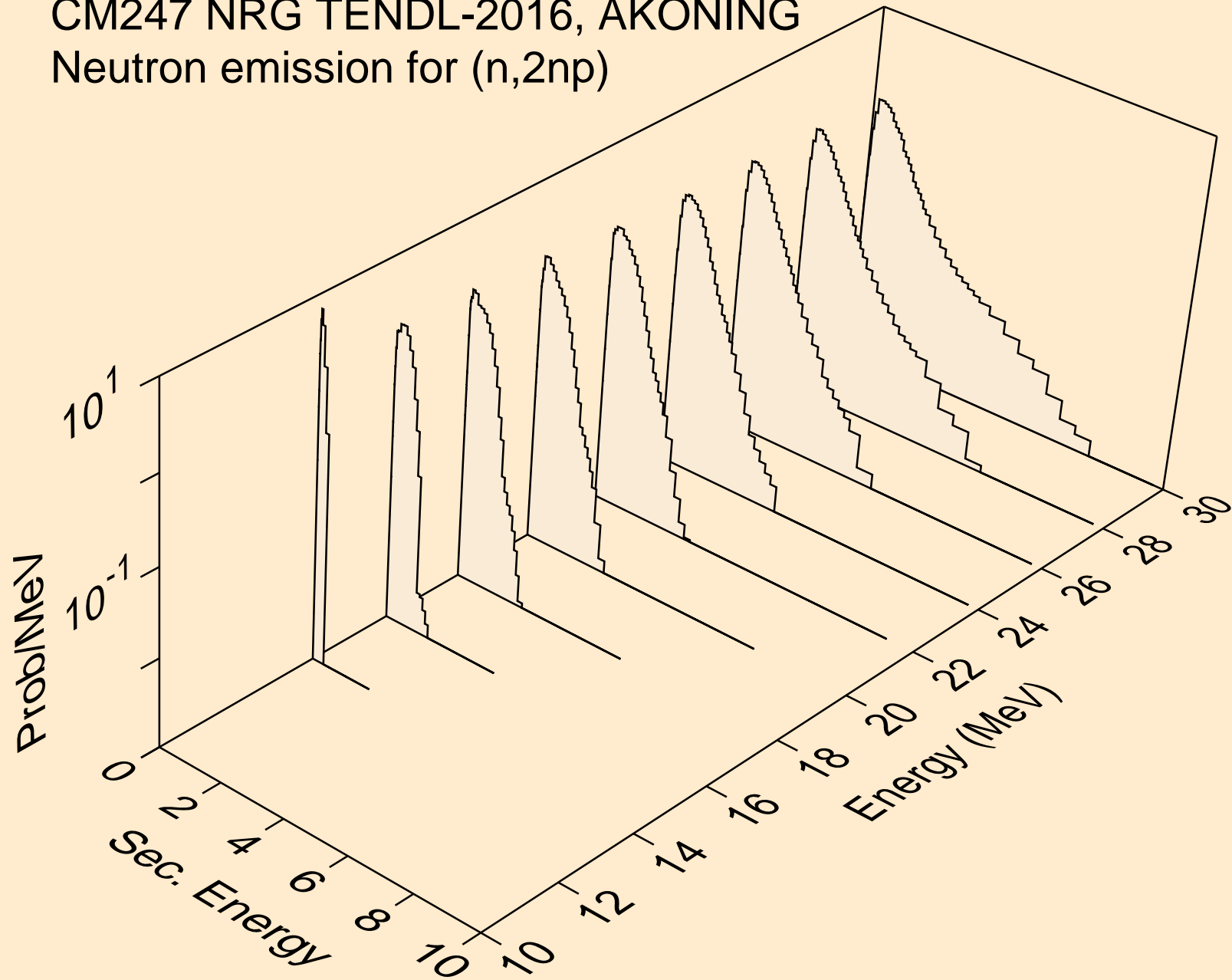
CM247 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*)he3



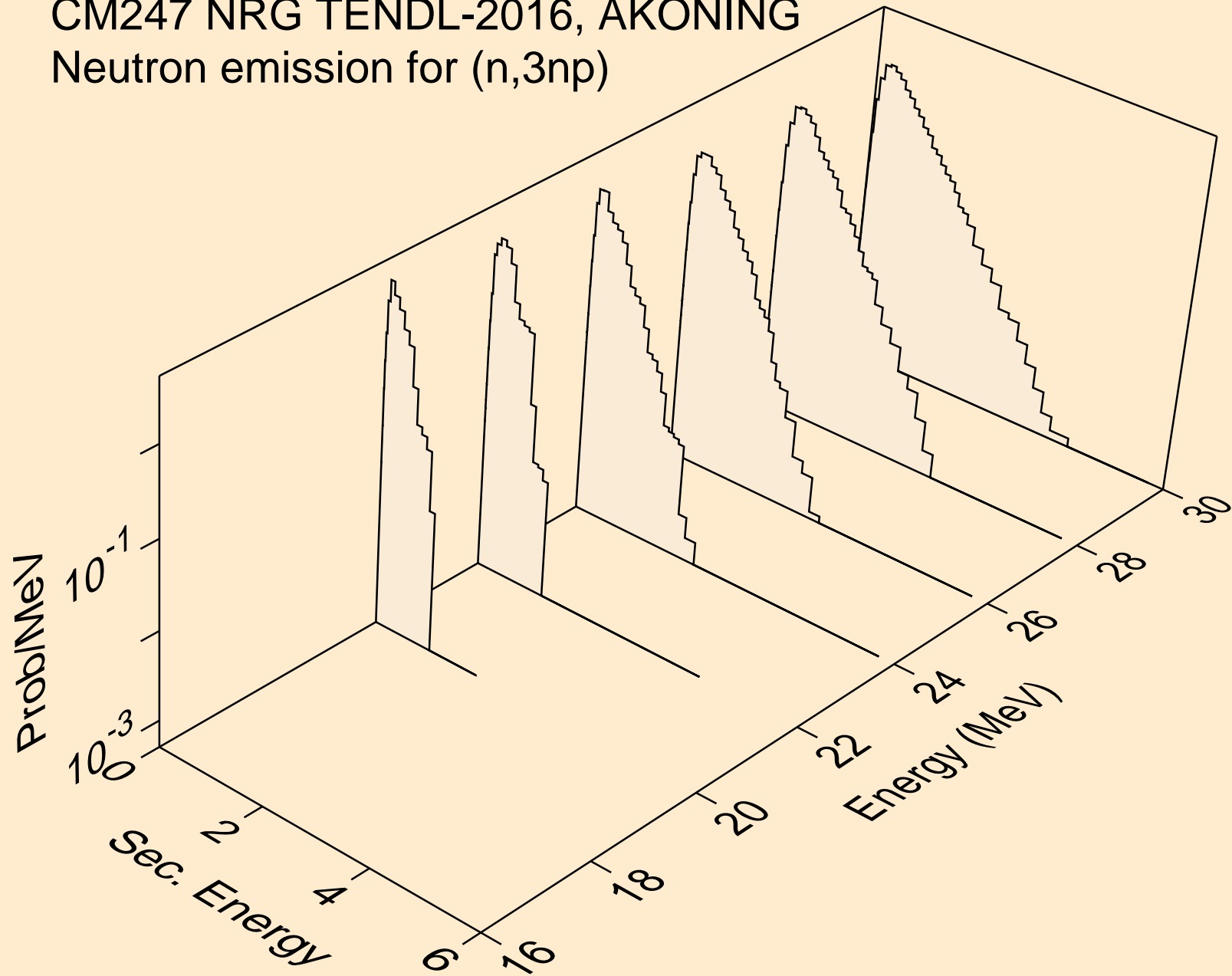
CM247 NRG TENDL-2016, AKONING  
Neutron emission for (n,4n)



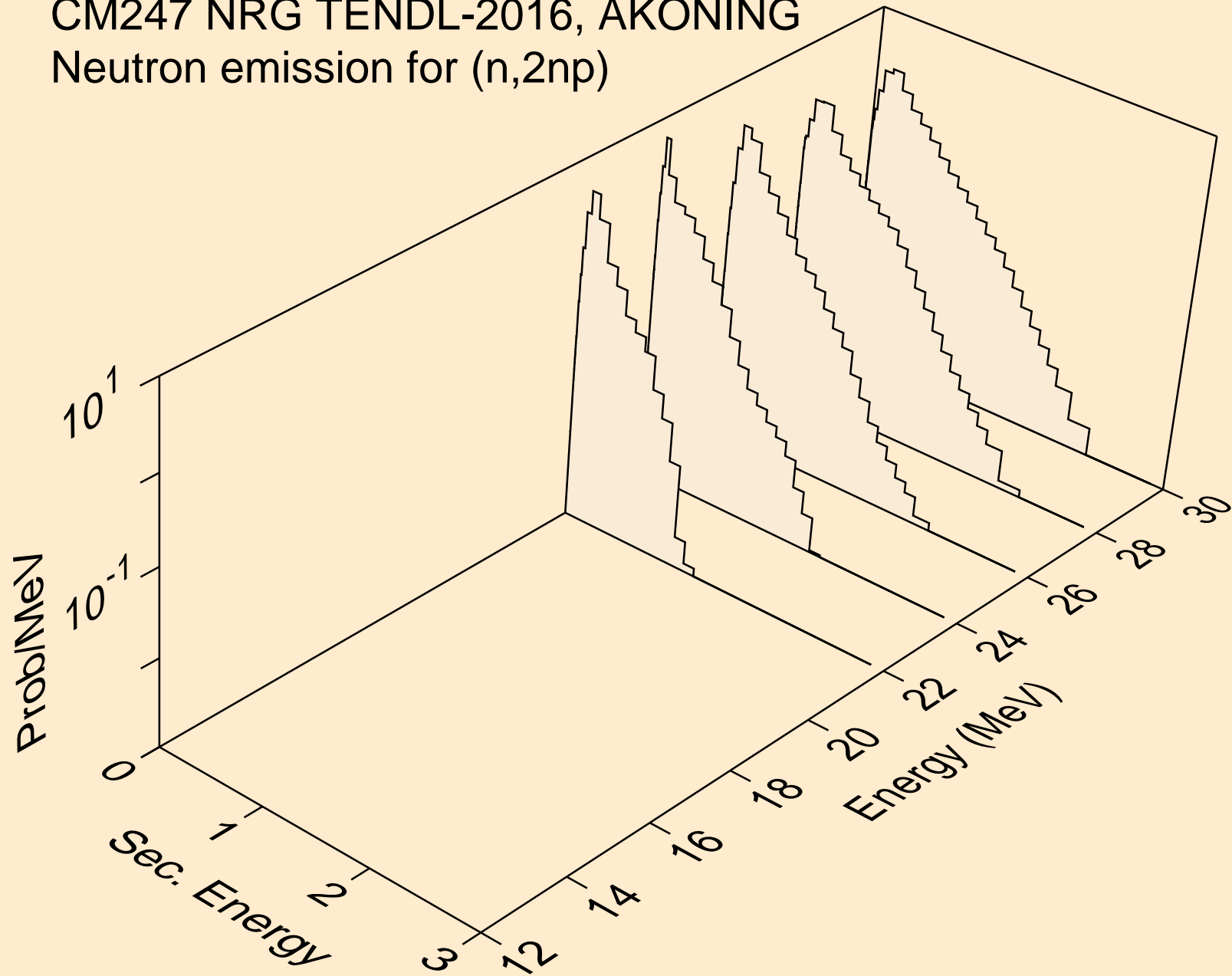
CM247 NRG TENDL-2016, AKONING  
Neutron emission for (n,2np)



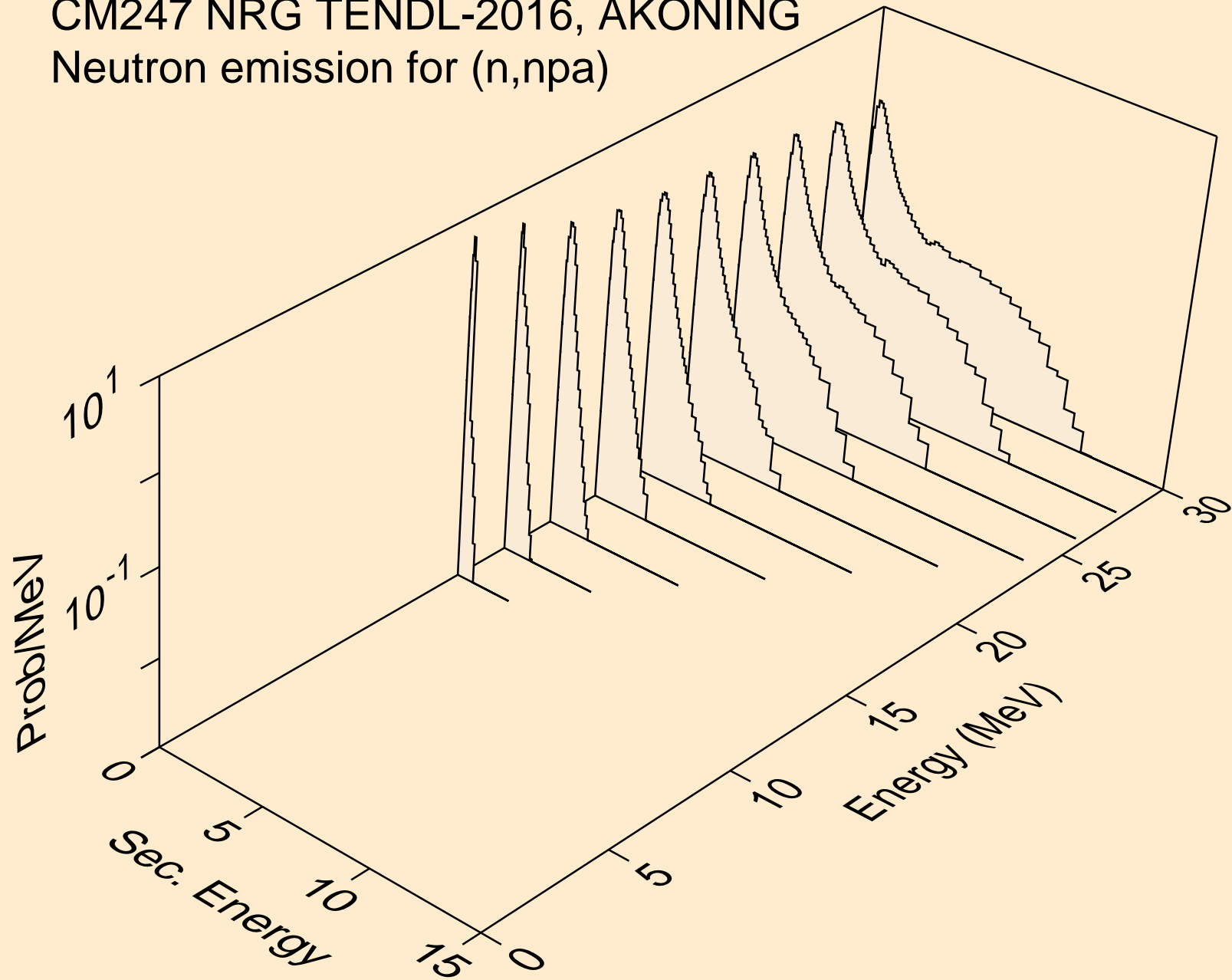
CM247 NRG TENDL-2016, AKONING  
Neutron emission for (n,3np)



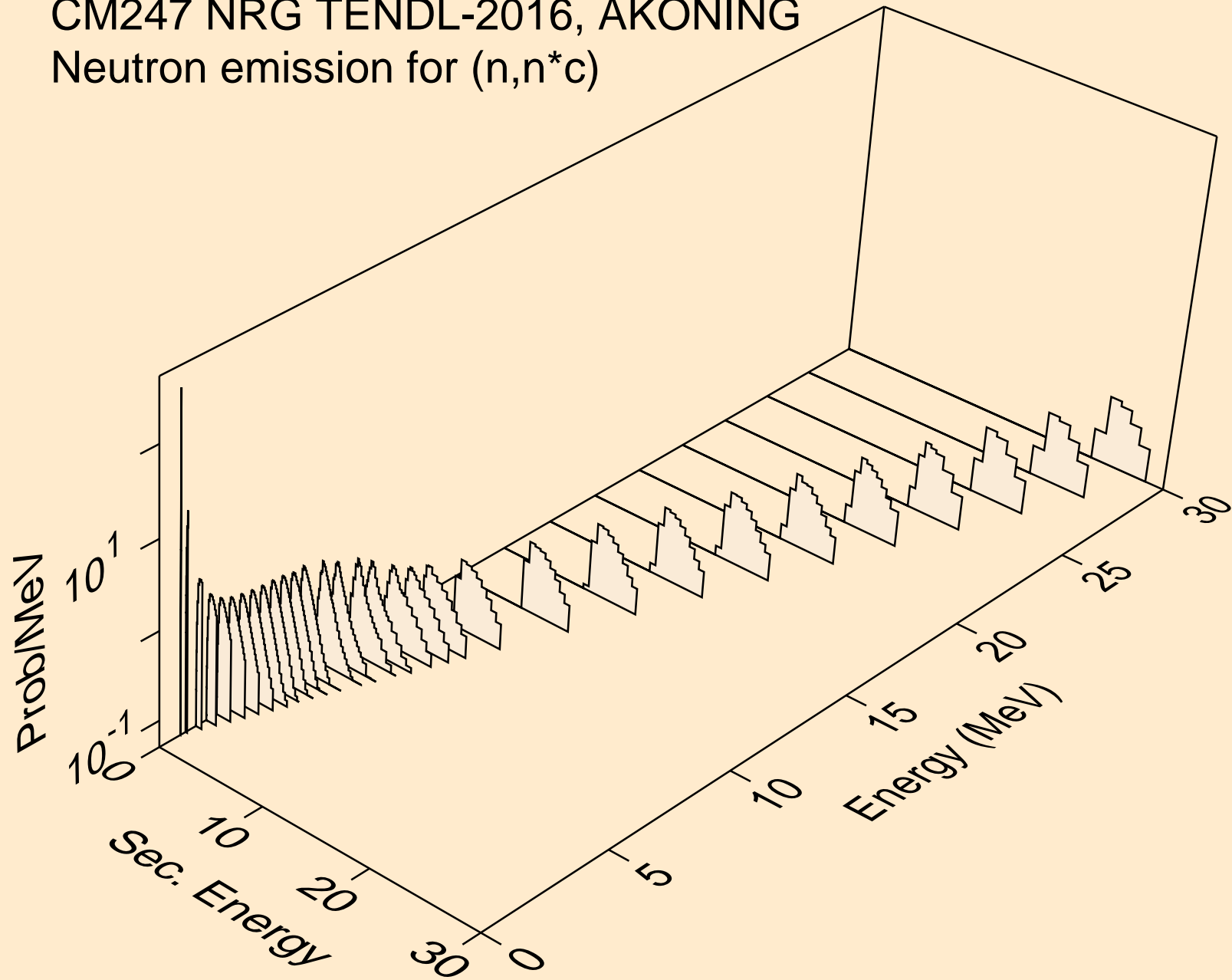
CM247 NRG TENDL-2016, AKONING  
Neutron emission for (n,2np)



CM247 NRG TENDL-2016, AKONING  
Neutron emission for (n,npa)



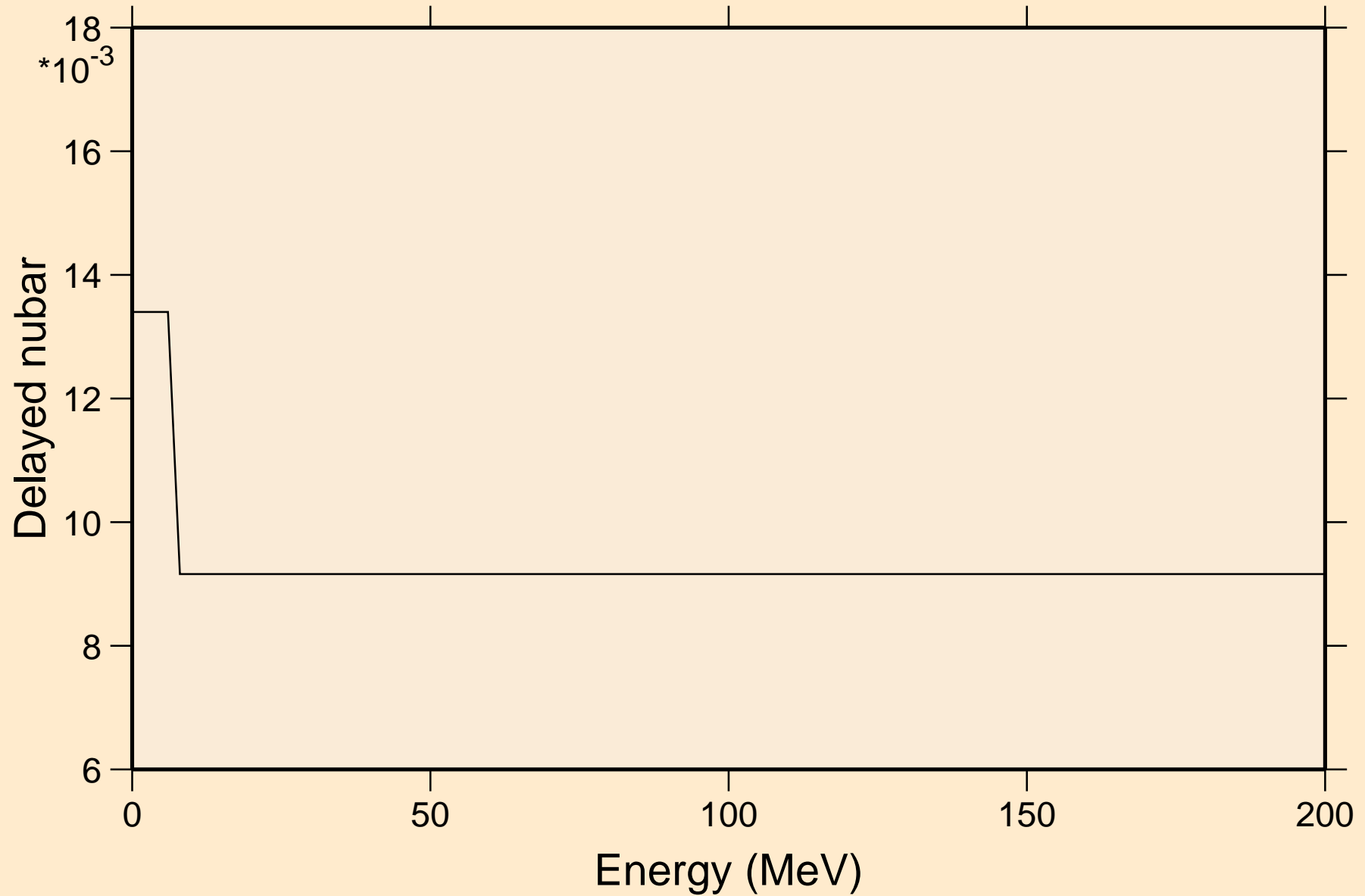
CM247 NRG TENDL-2016, AKONING  
Neutron emission for (n,n\*c)





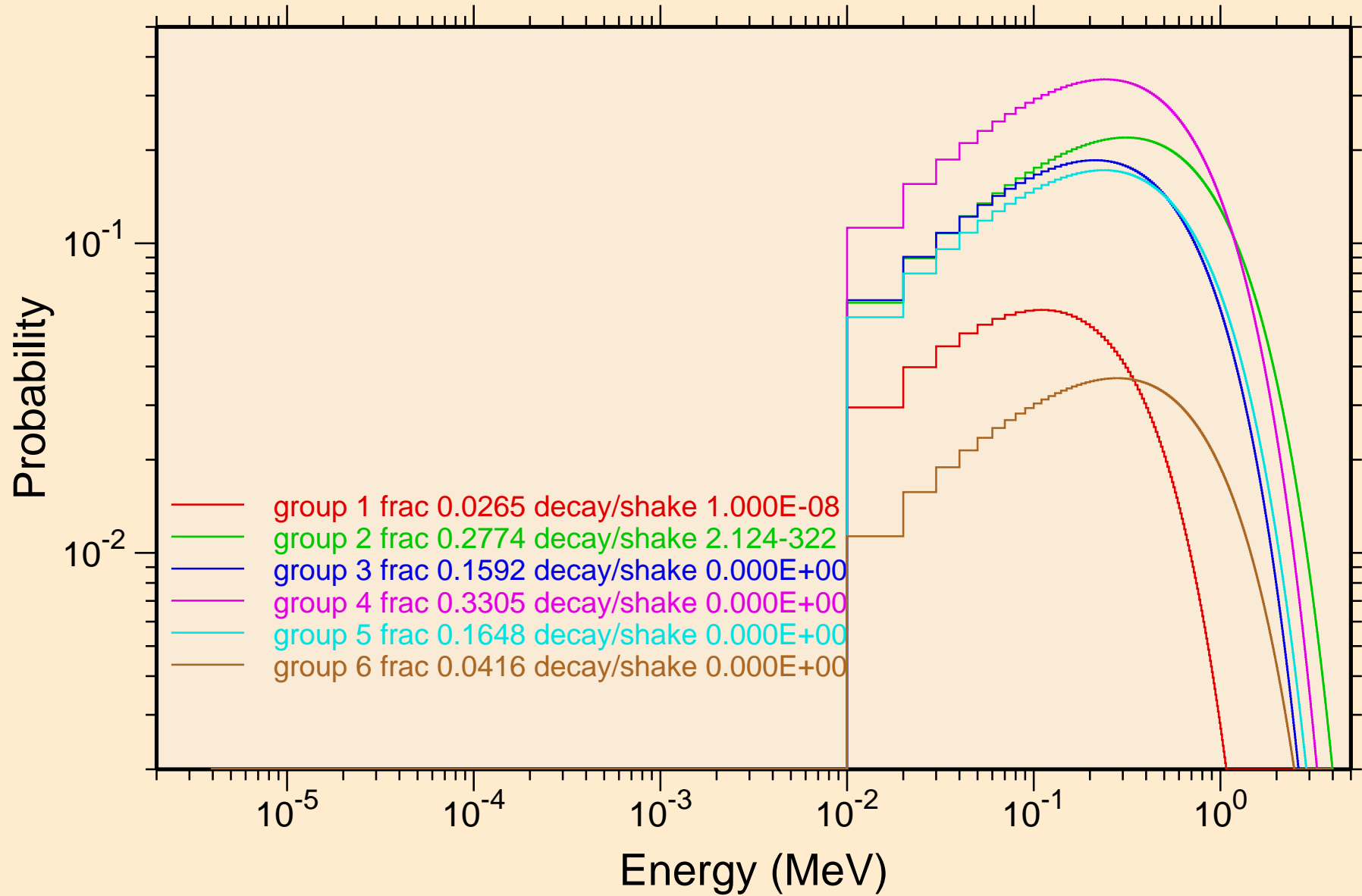
# CM247 NRG TENDL-2016, AKONING

Delayed nubar

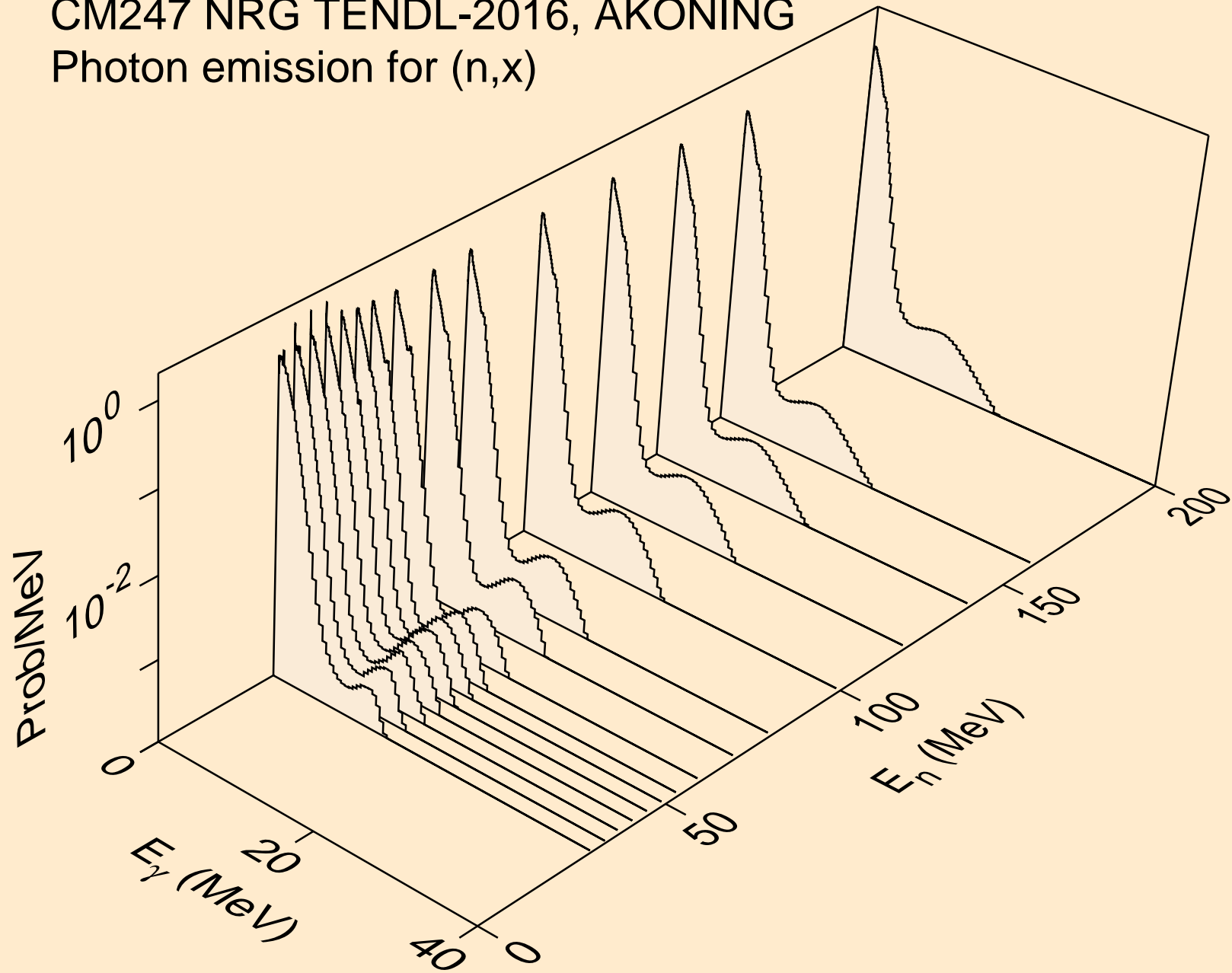


# CM247 NRG TENDL-2016, AKONING

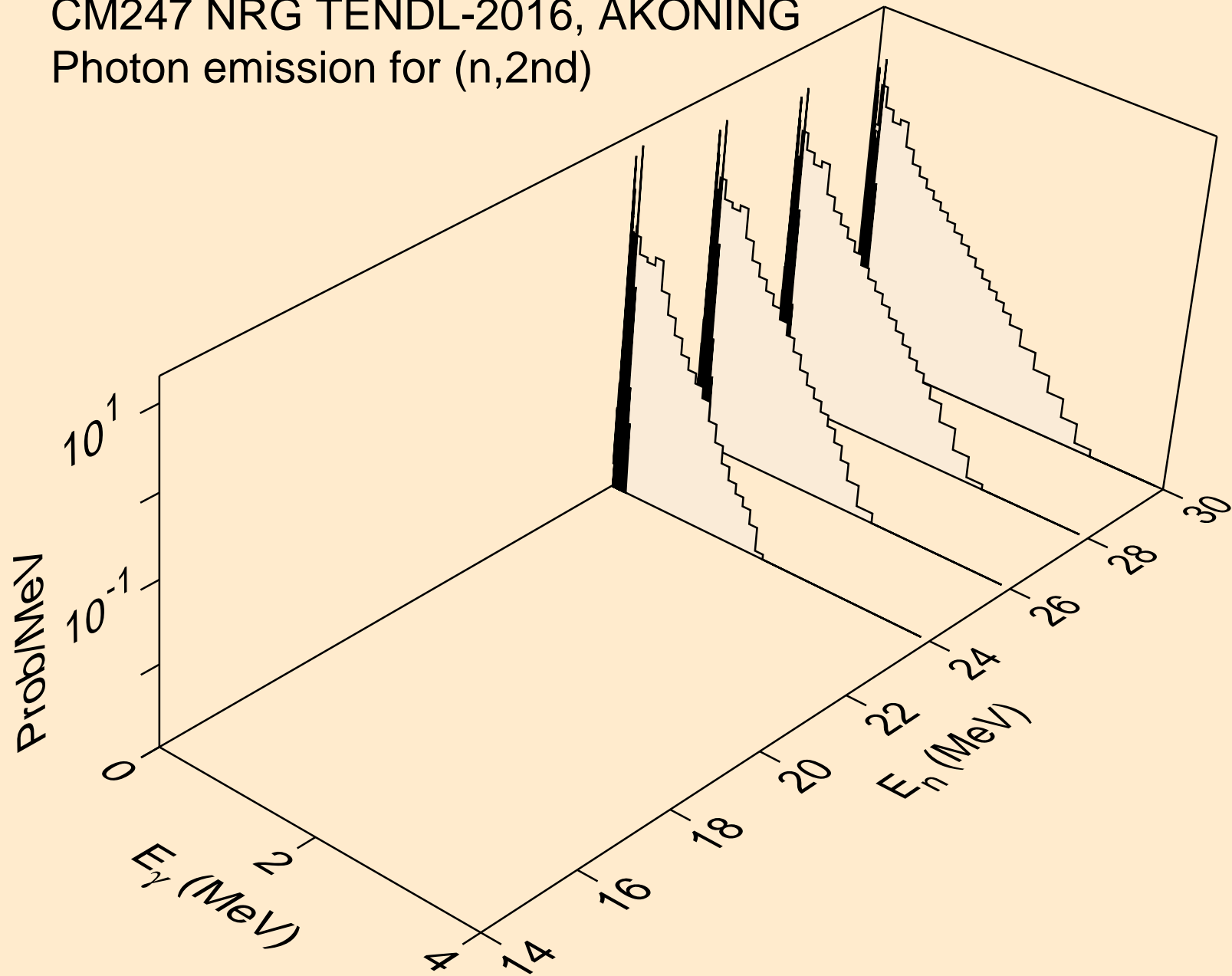
## Delayed neutron spectra



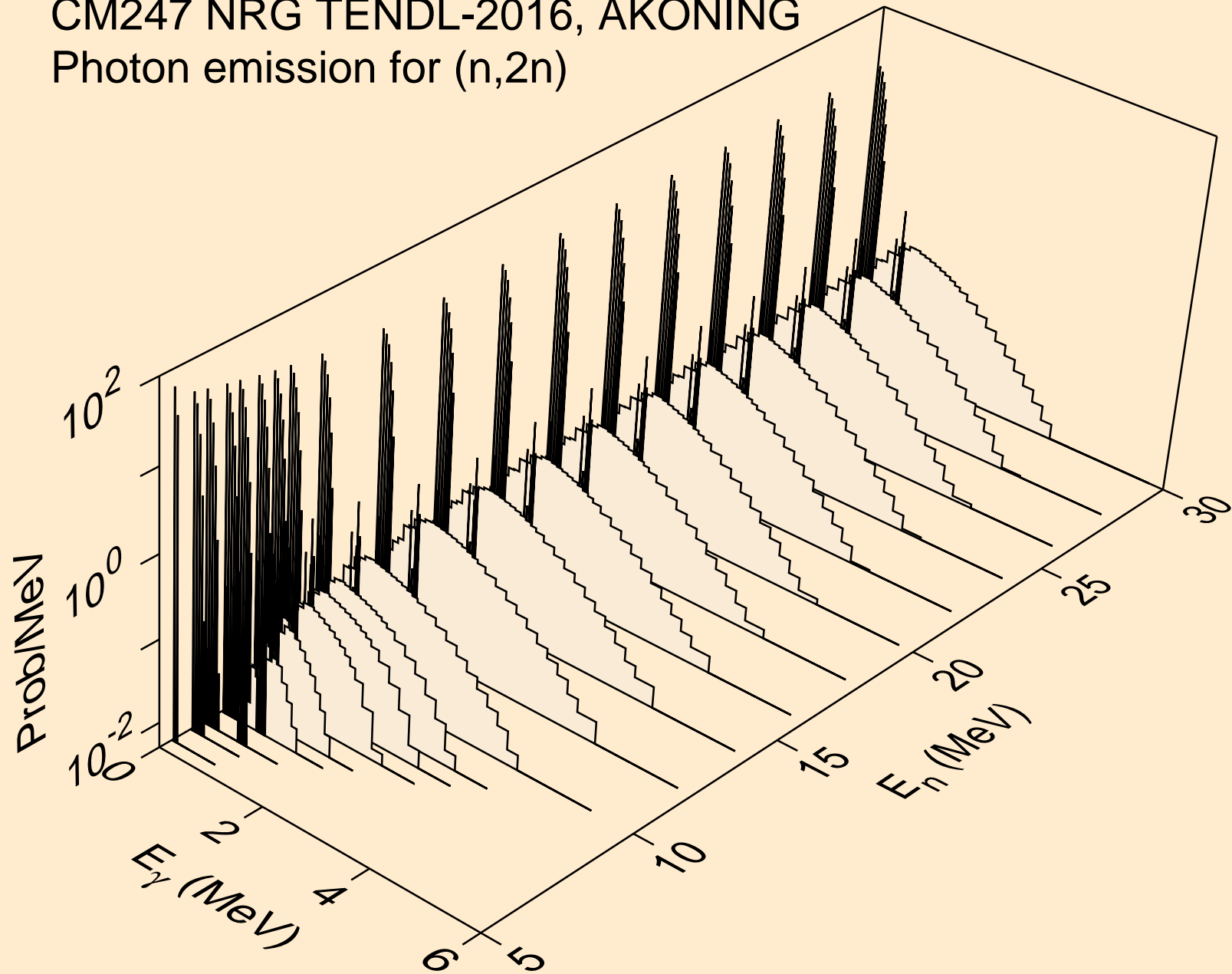
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,x)



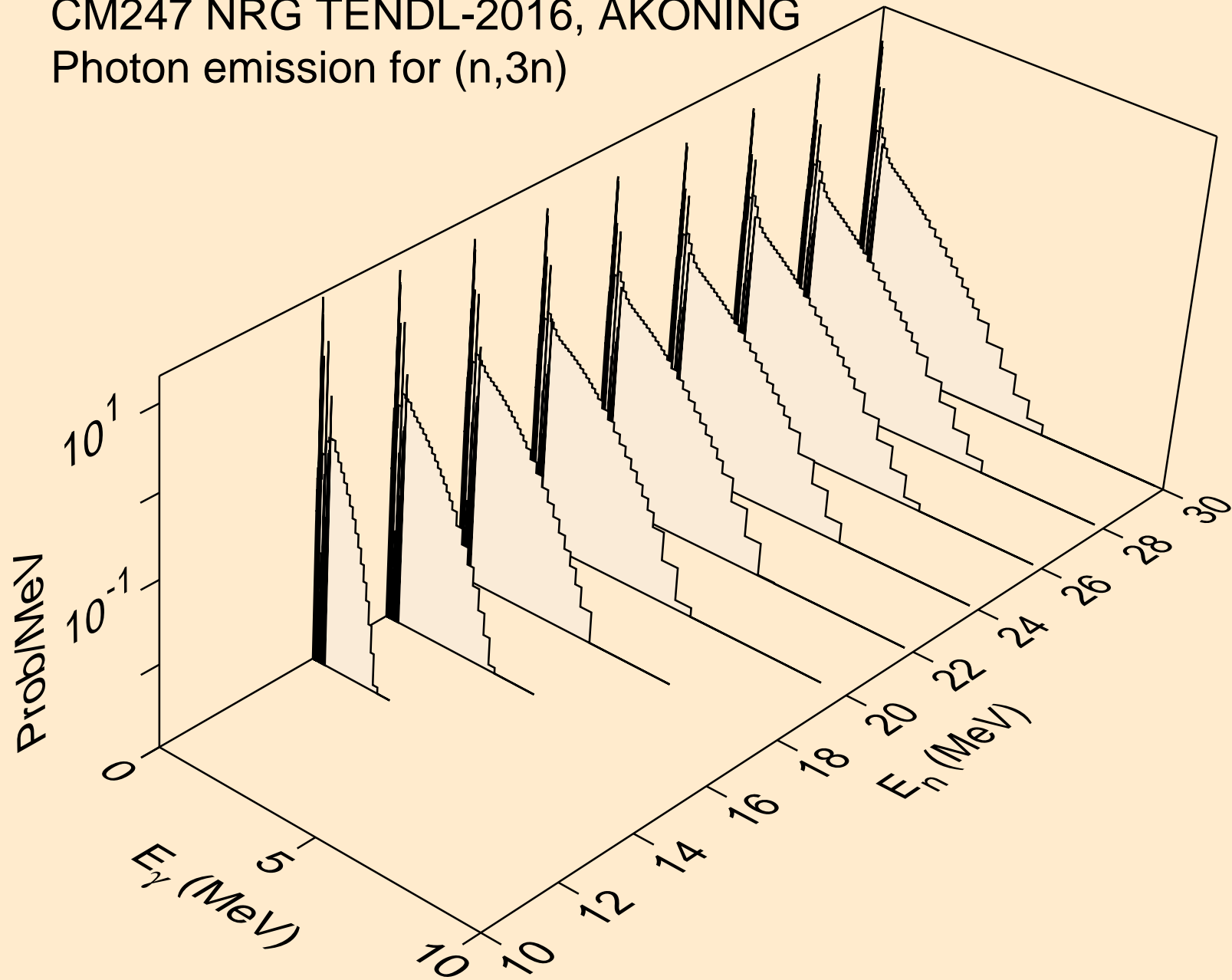
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,2nd)



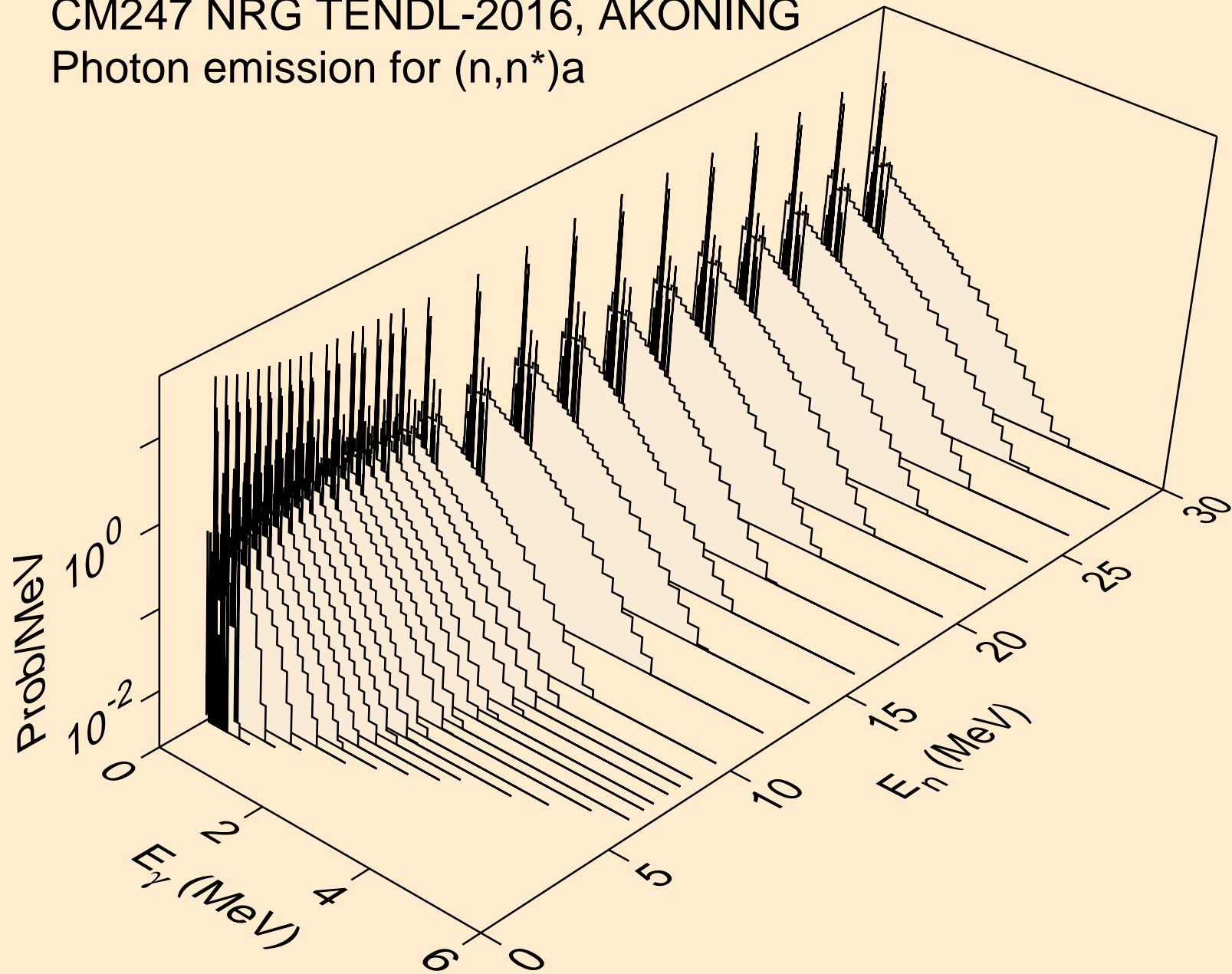
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,2n)



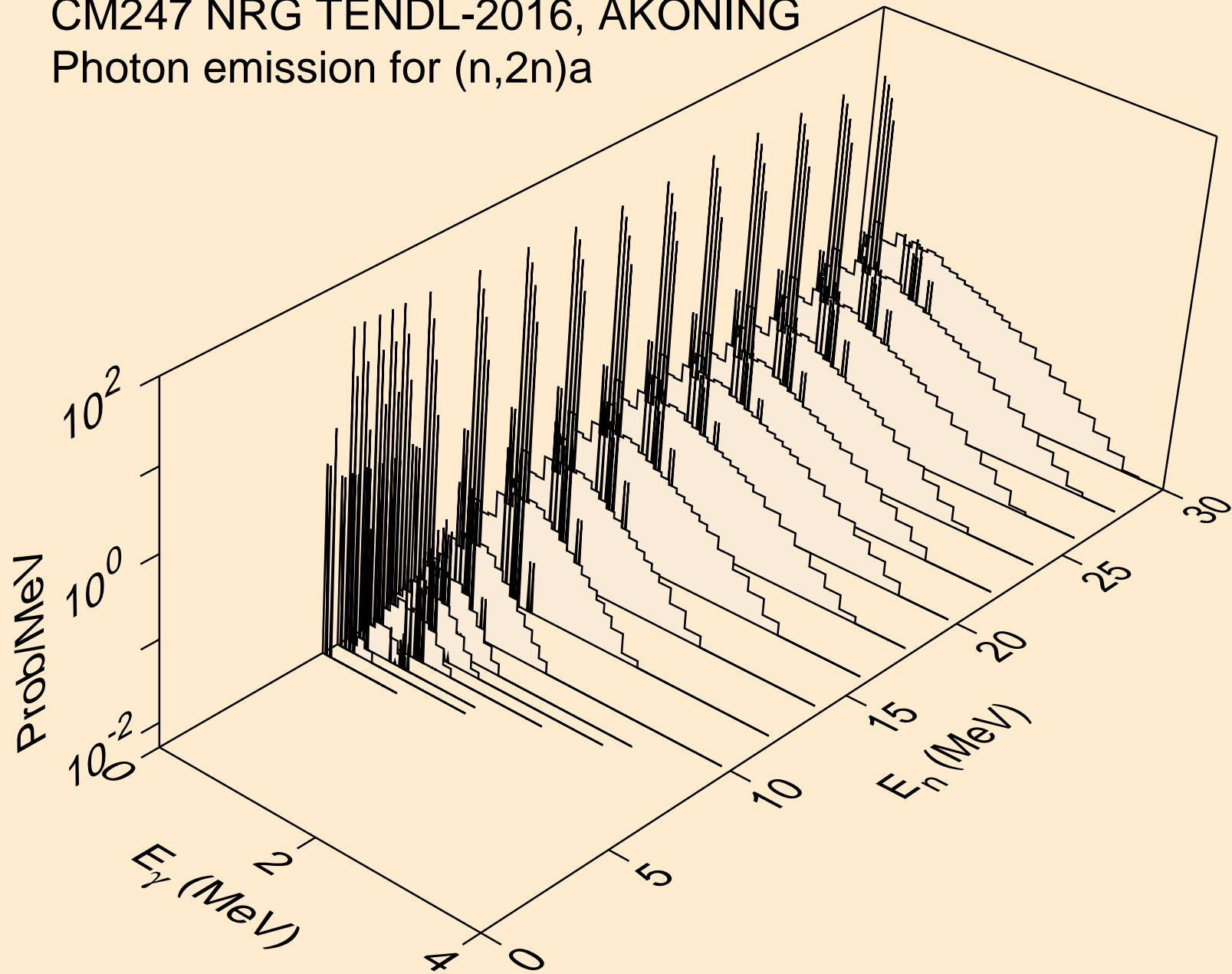
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,3n)



CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)a

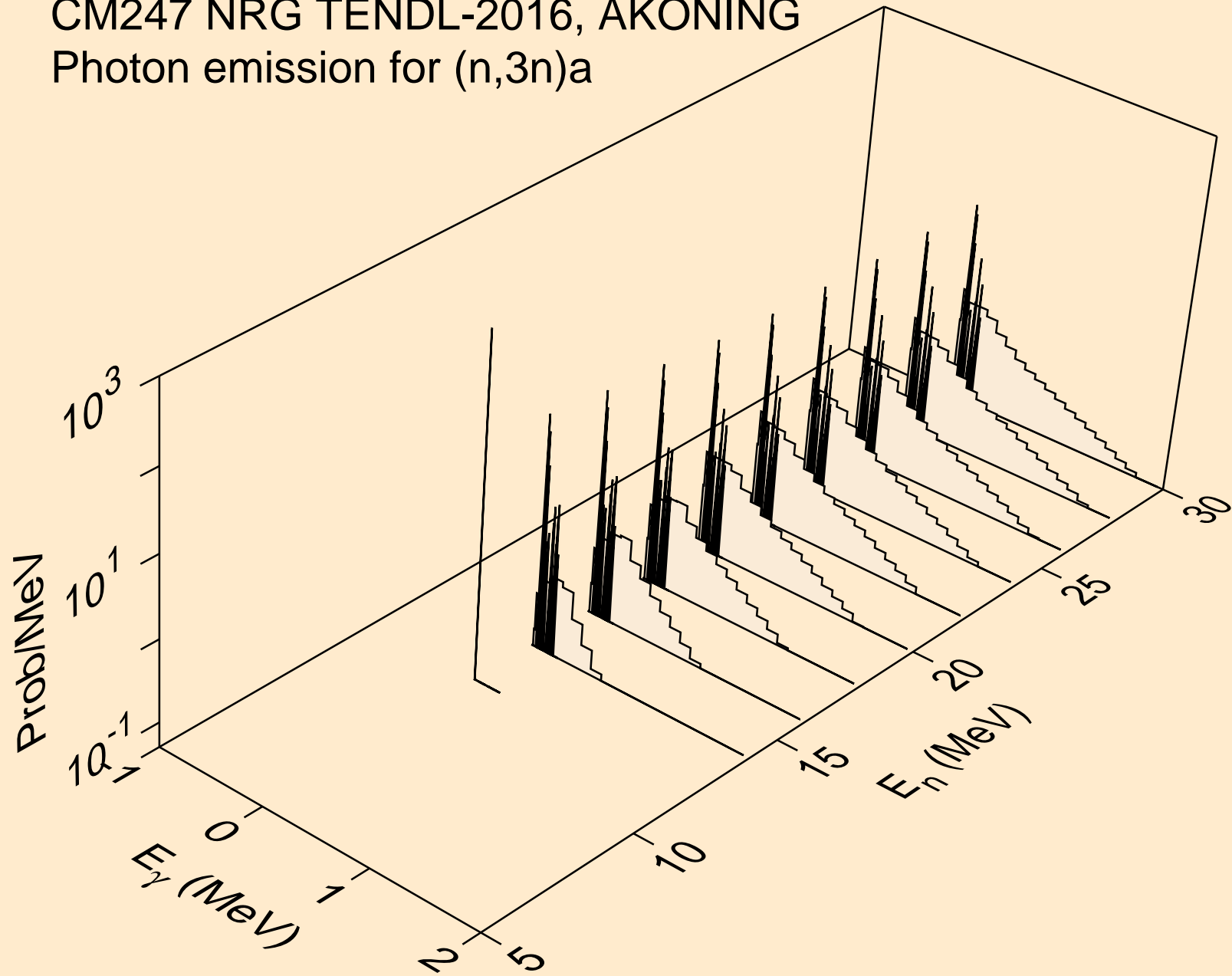


CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,2n)a

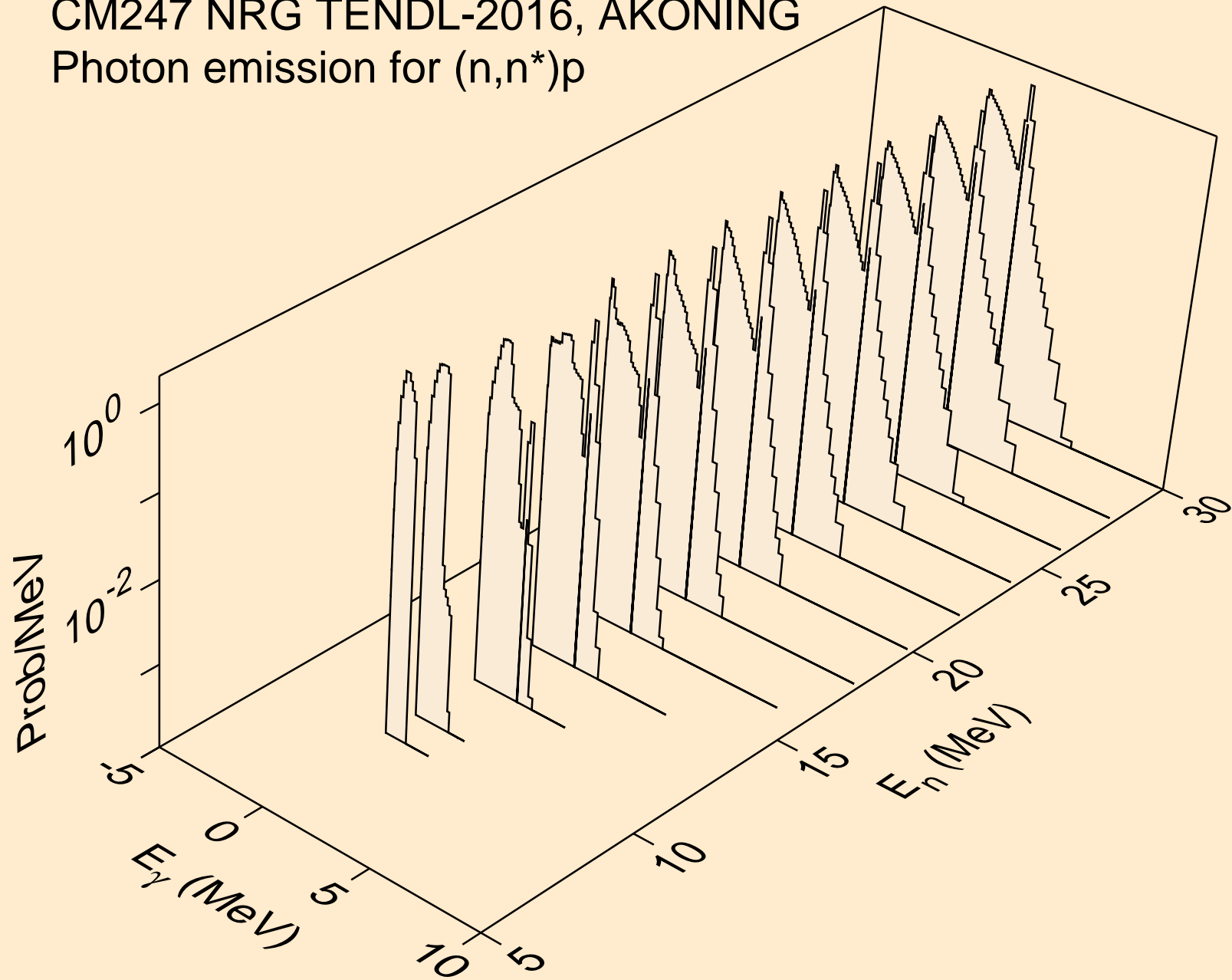




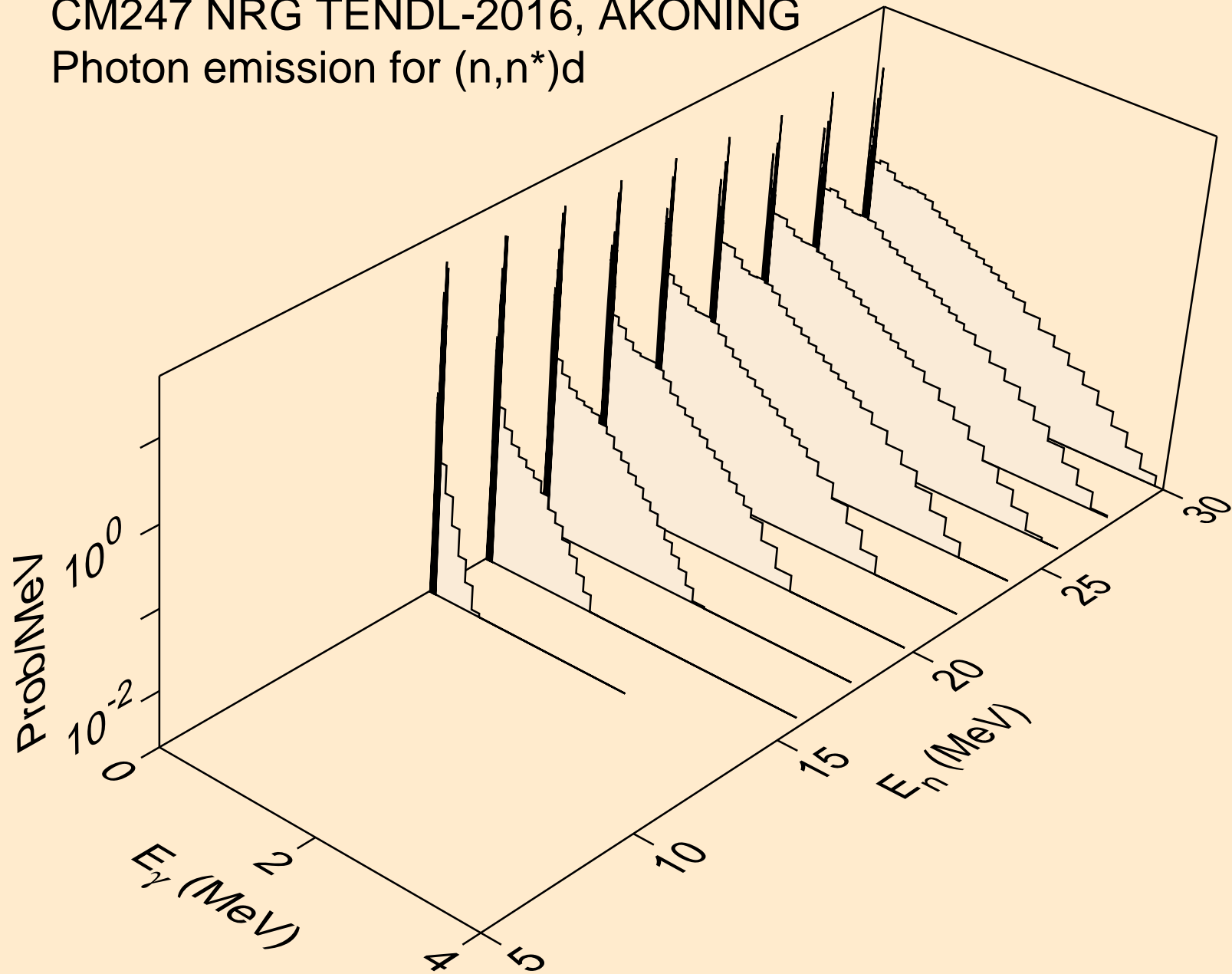
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,3n)a



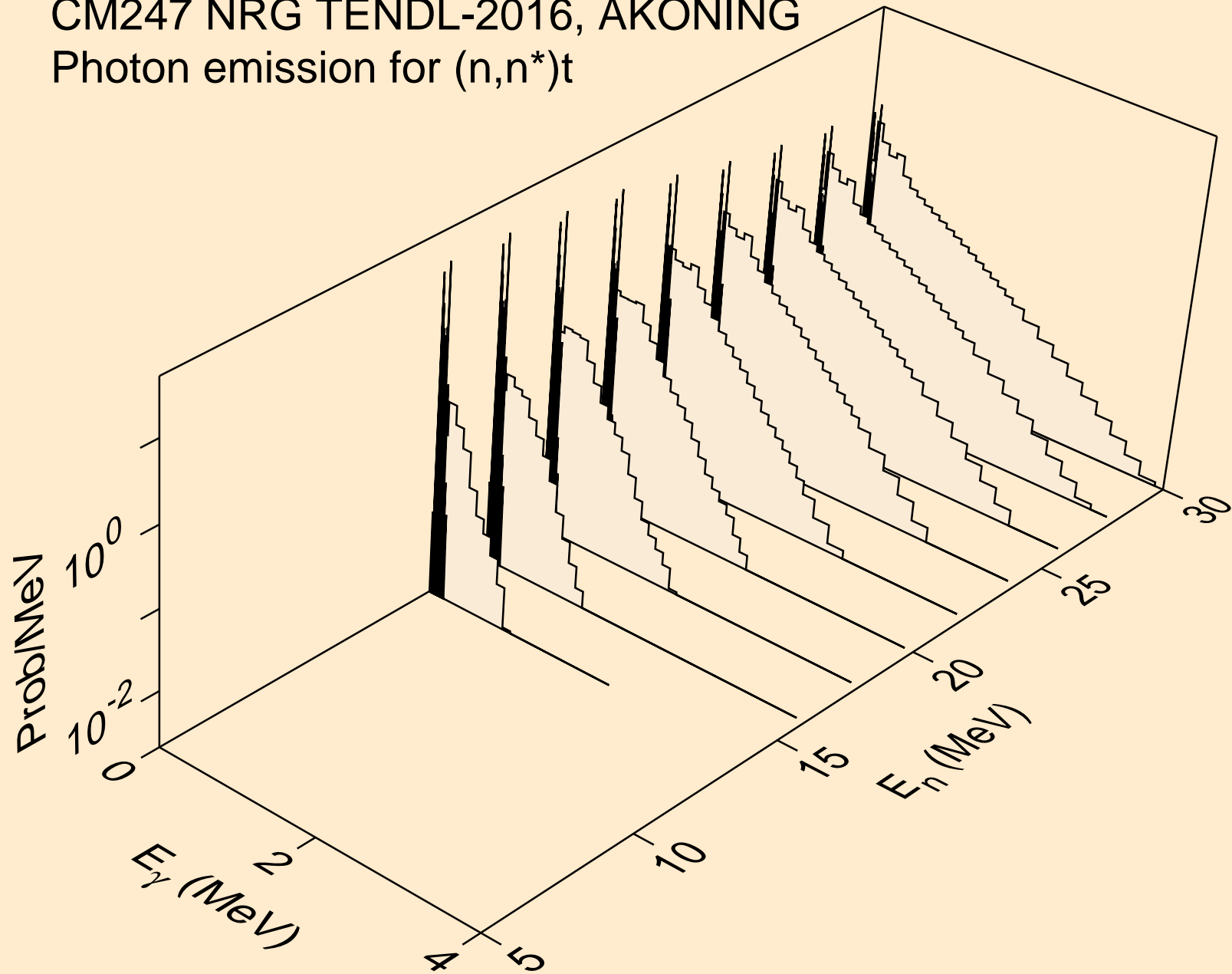
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)p



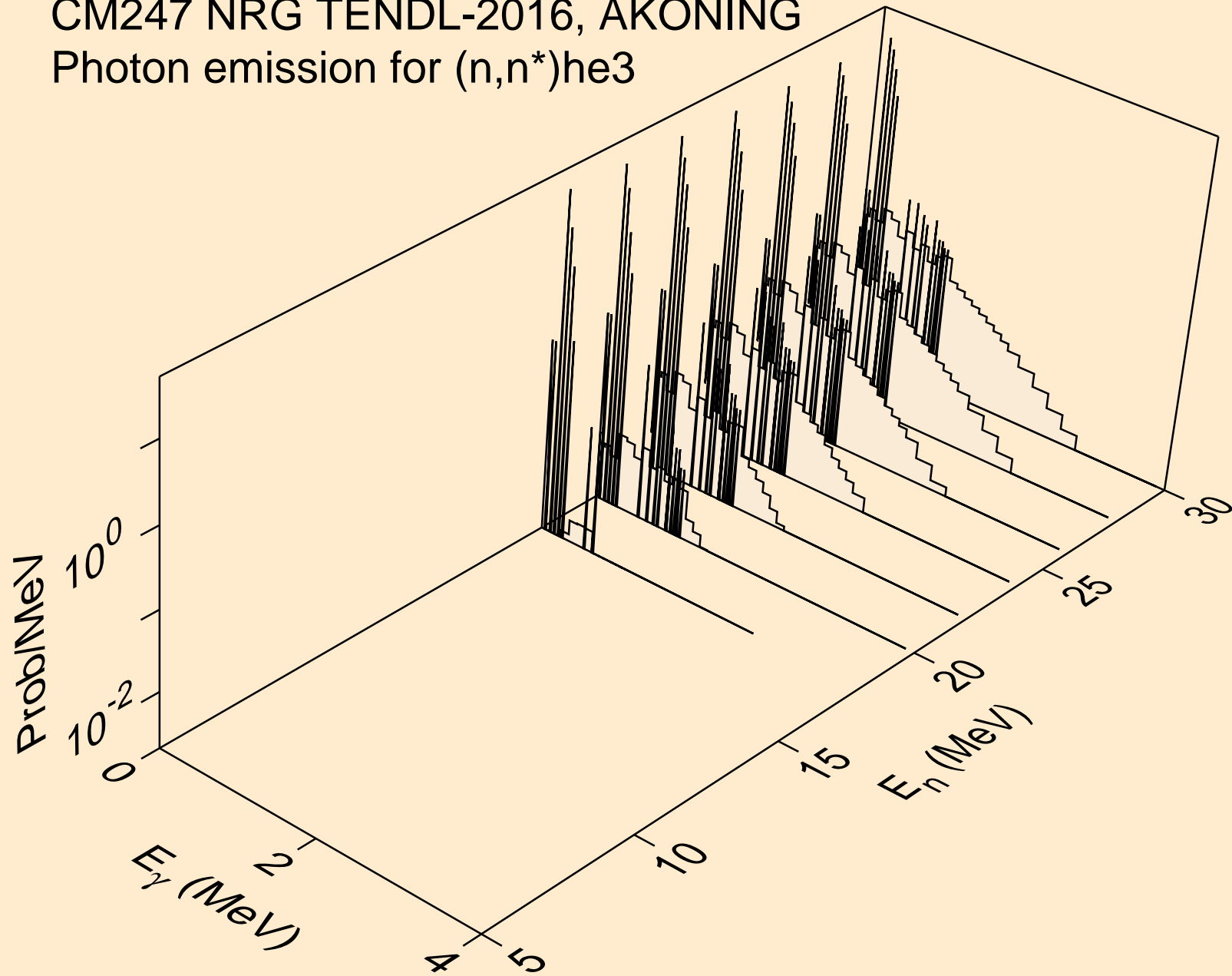
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)d



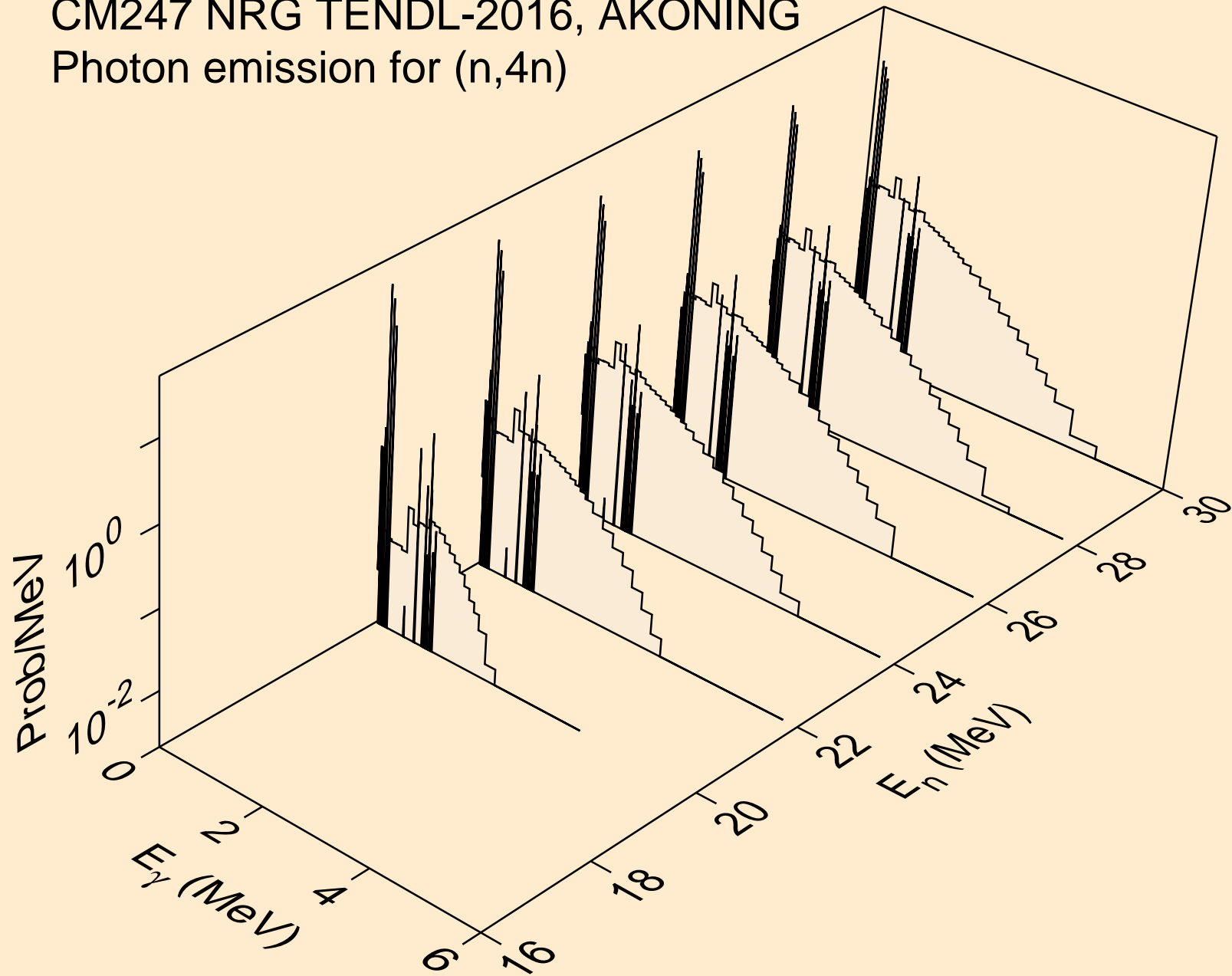
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)t



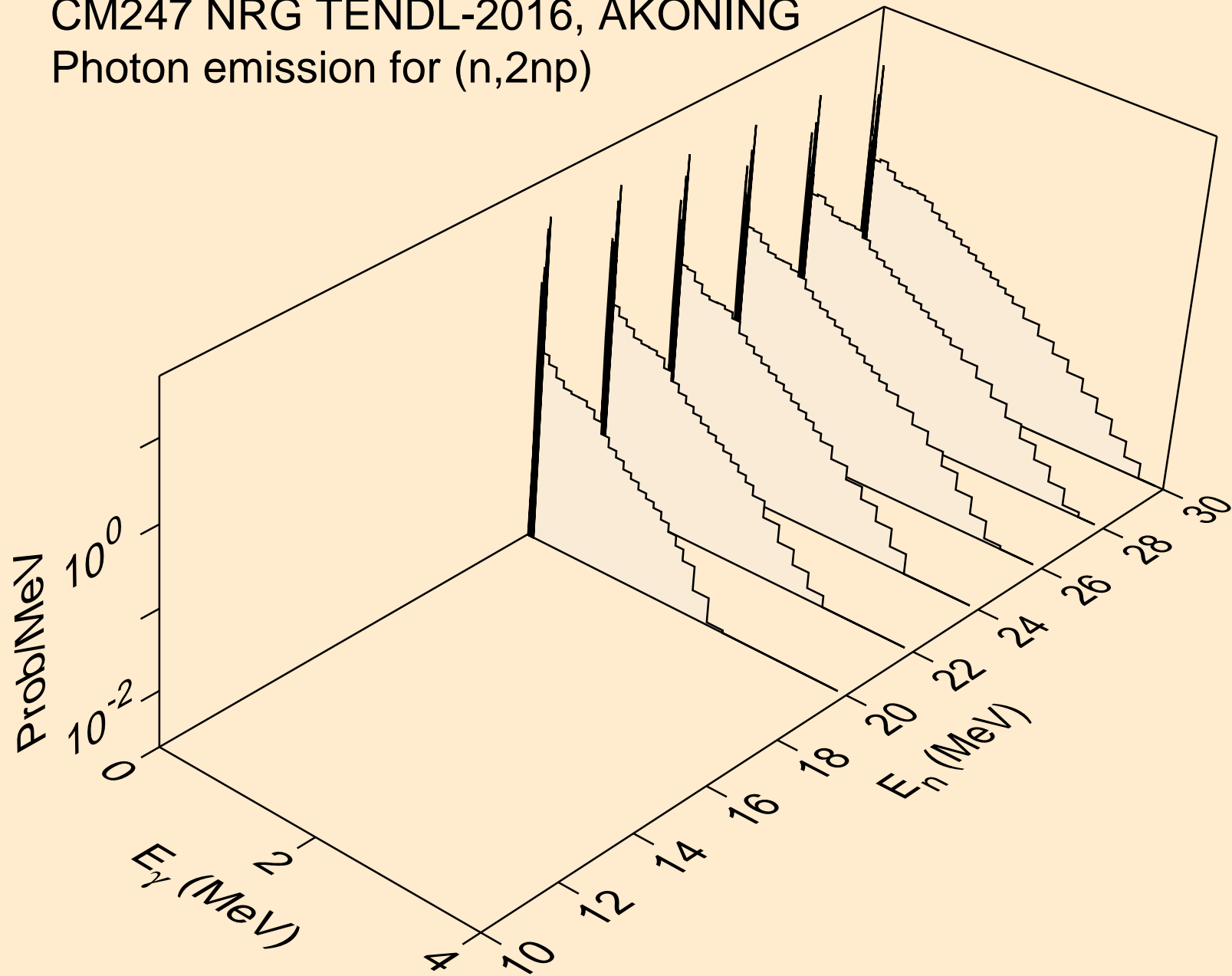
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*)he3



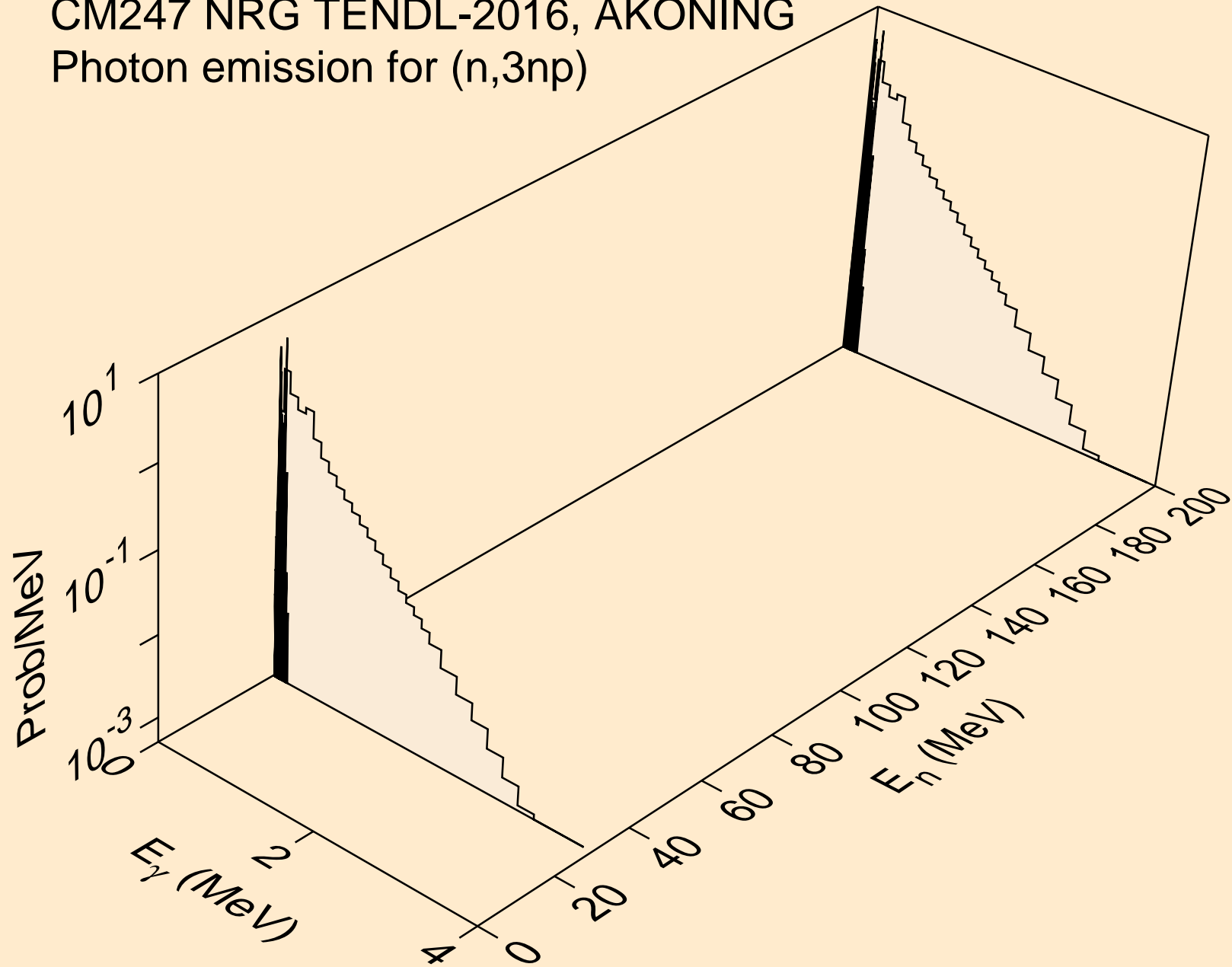
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,4n)



CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,2np)

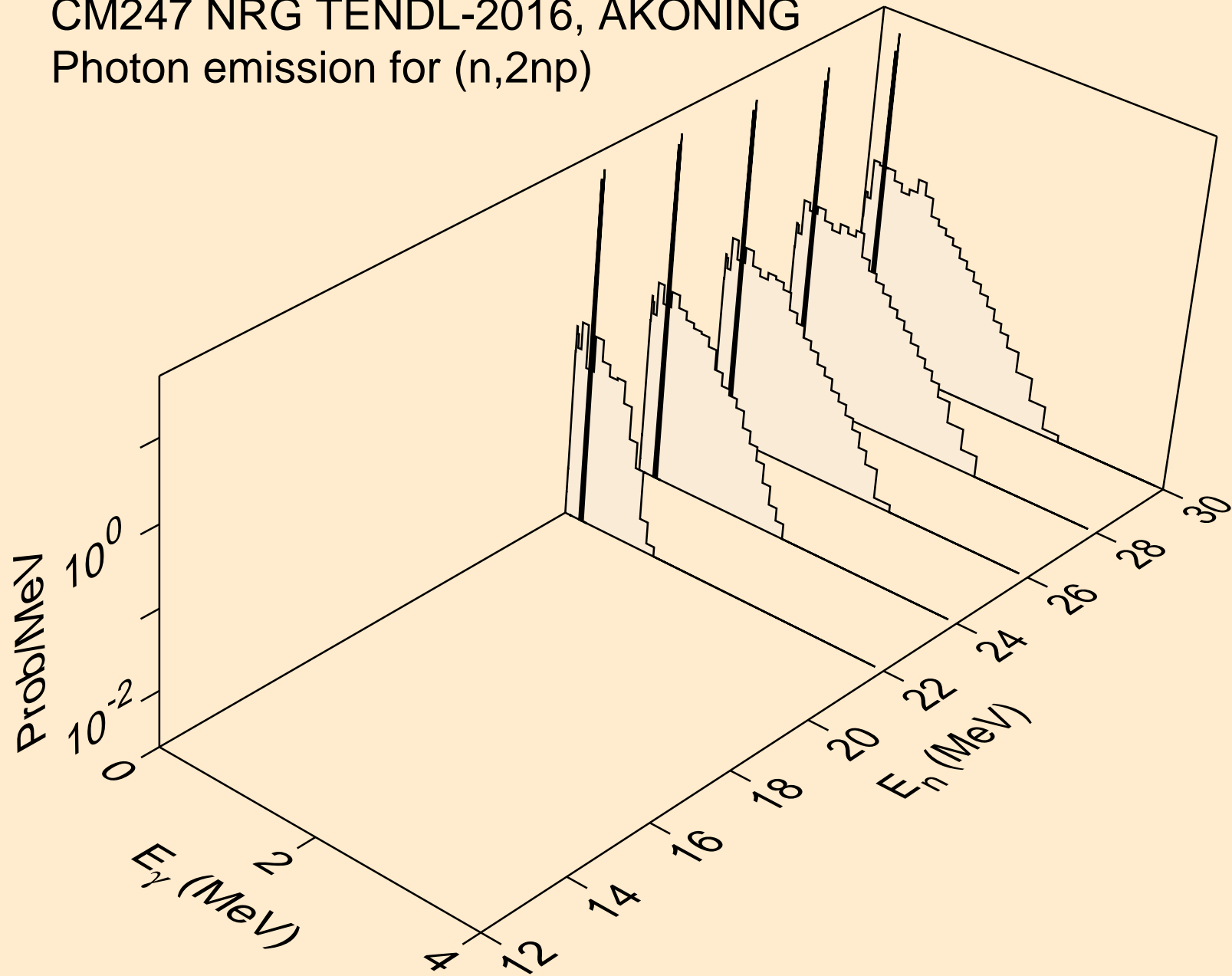


CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,3np)

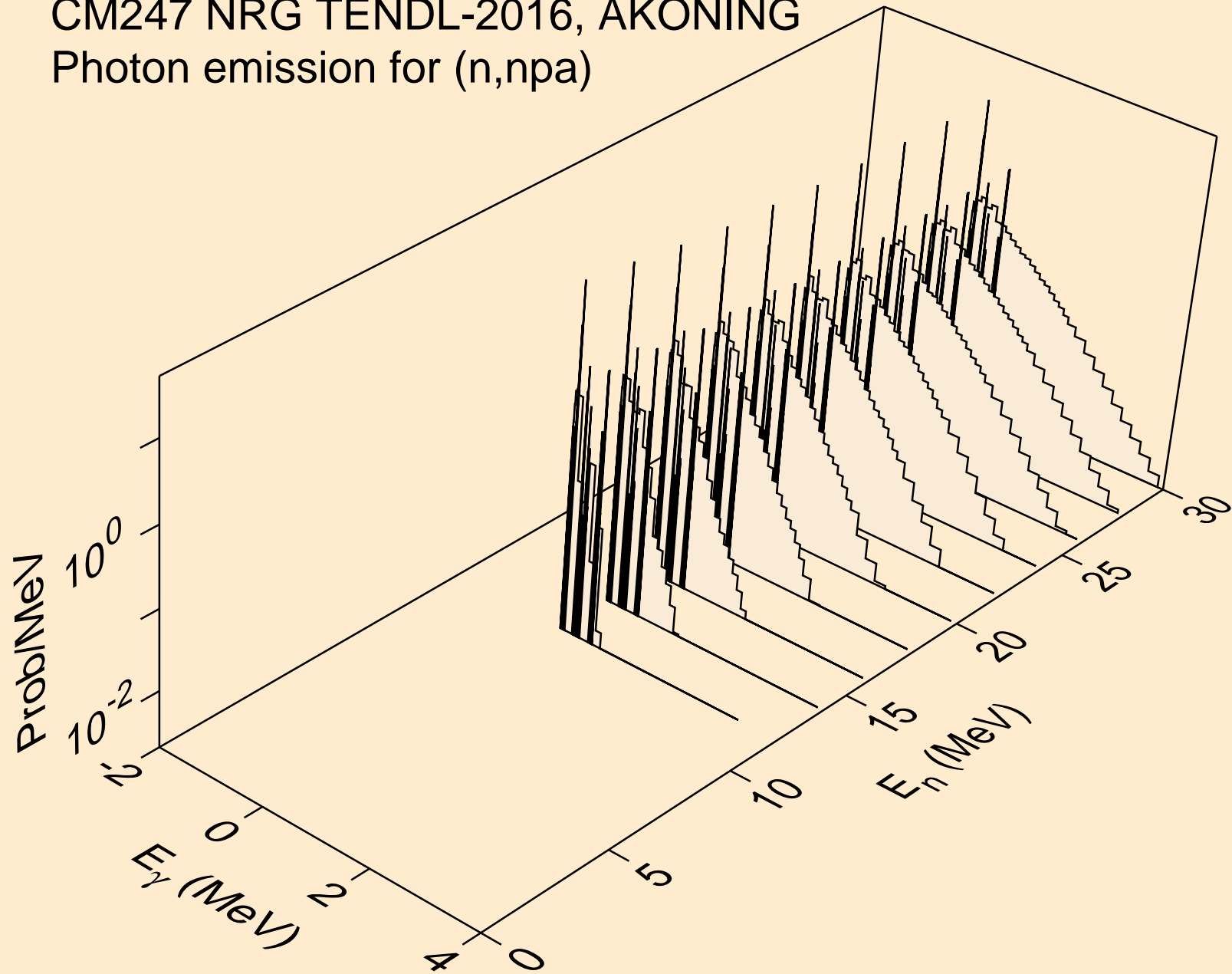




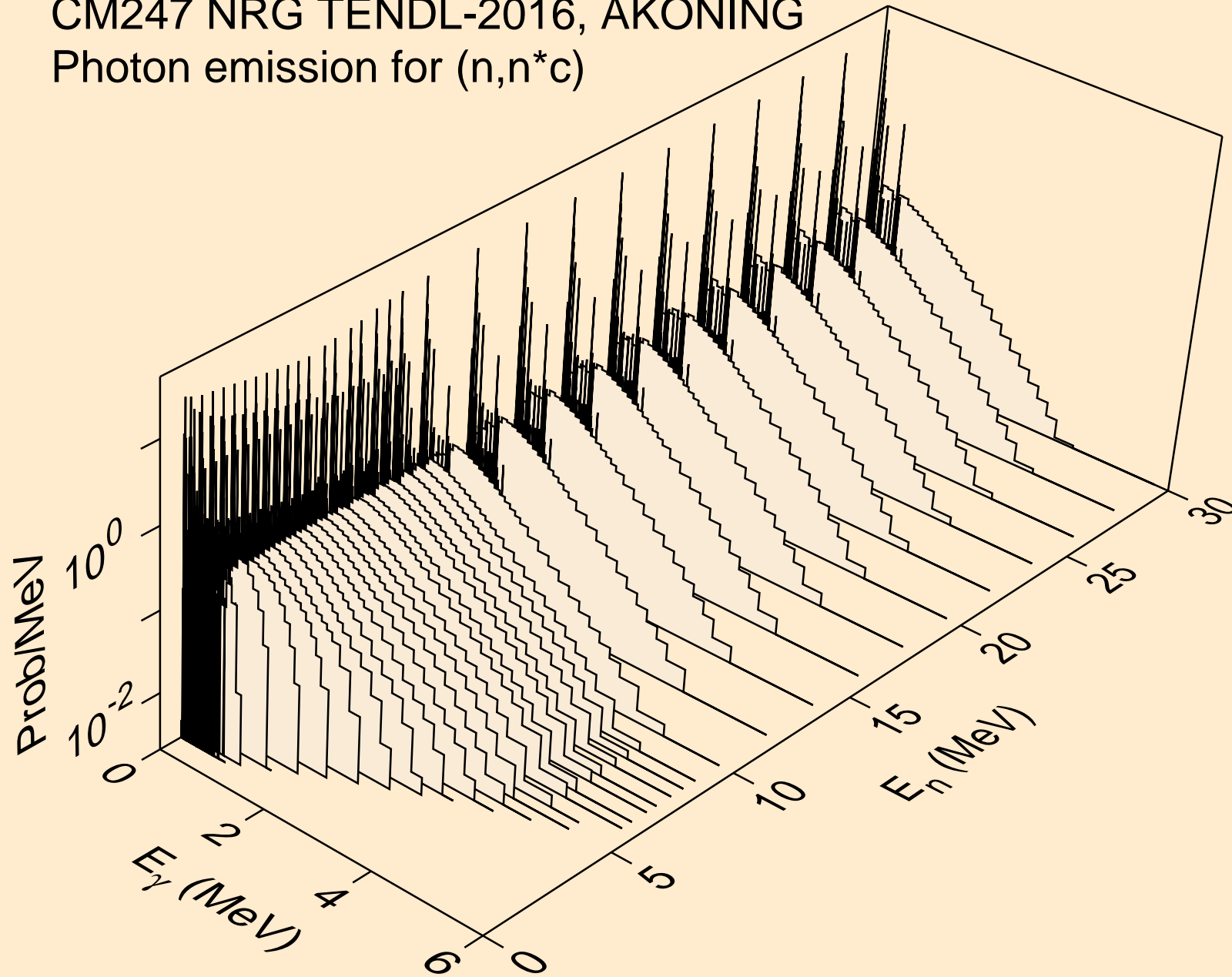
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,2np)



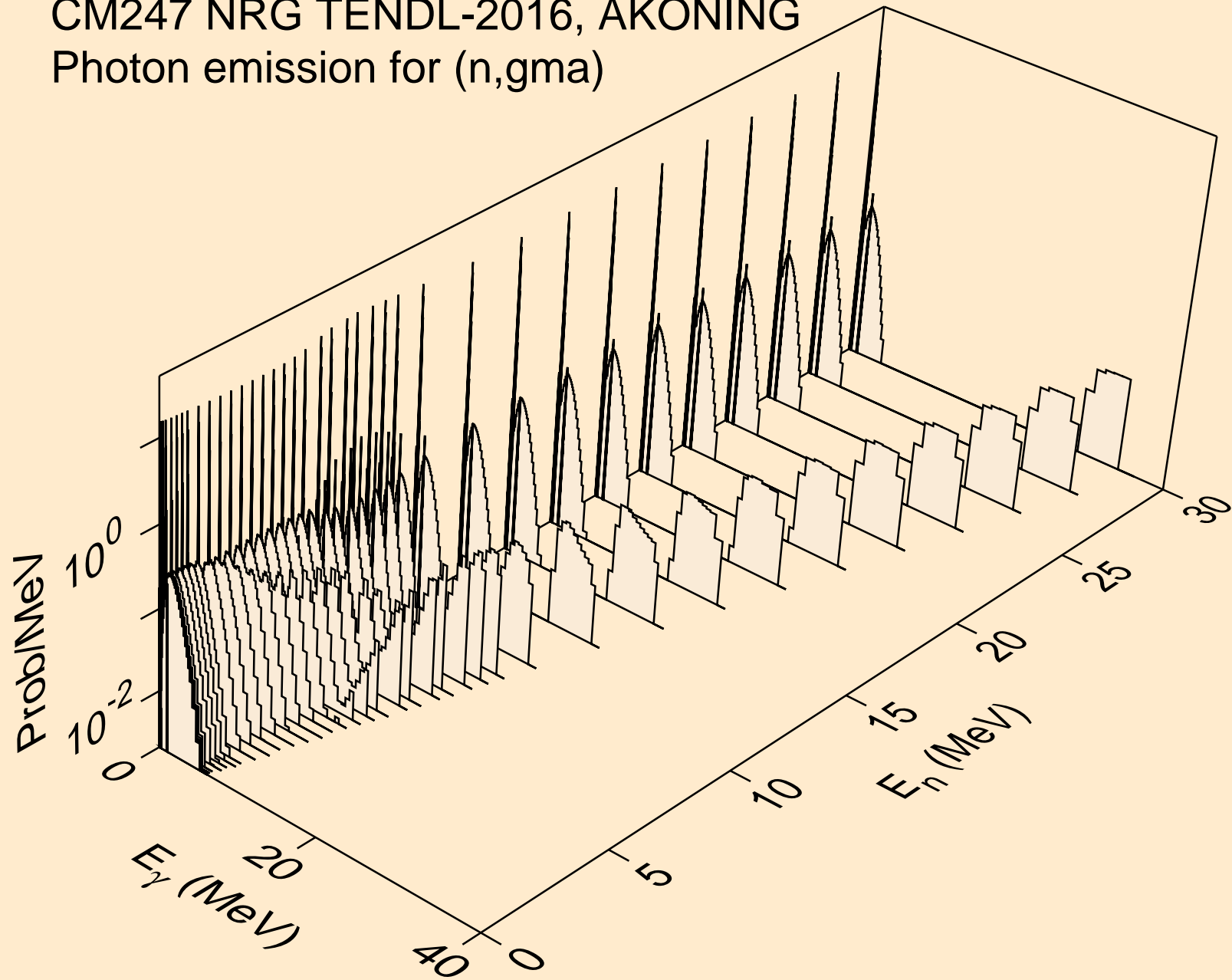
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,npa)



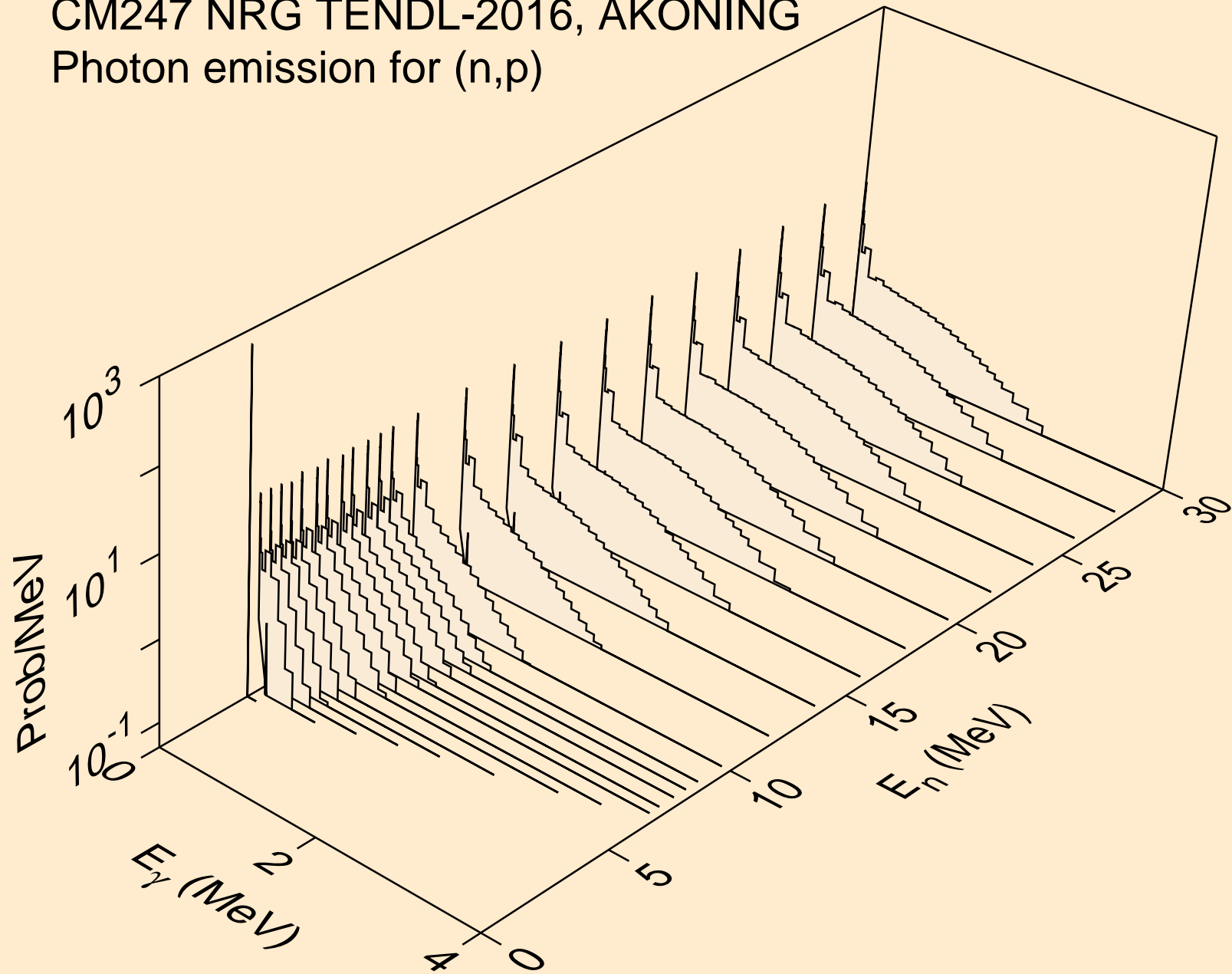
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,n\*c)



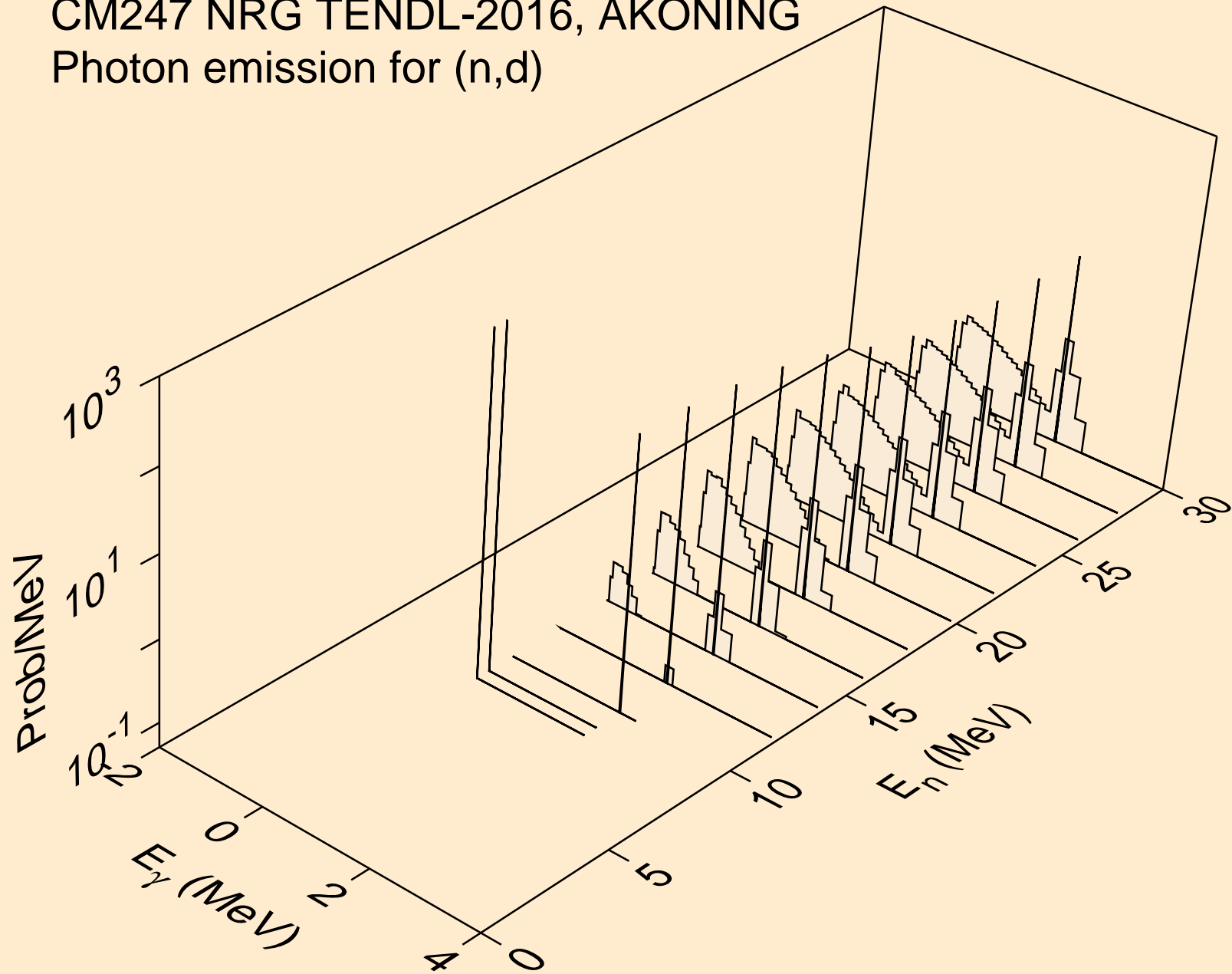
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,gma)



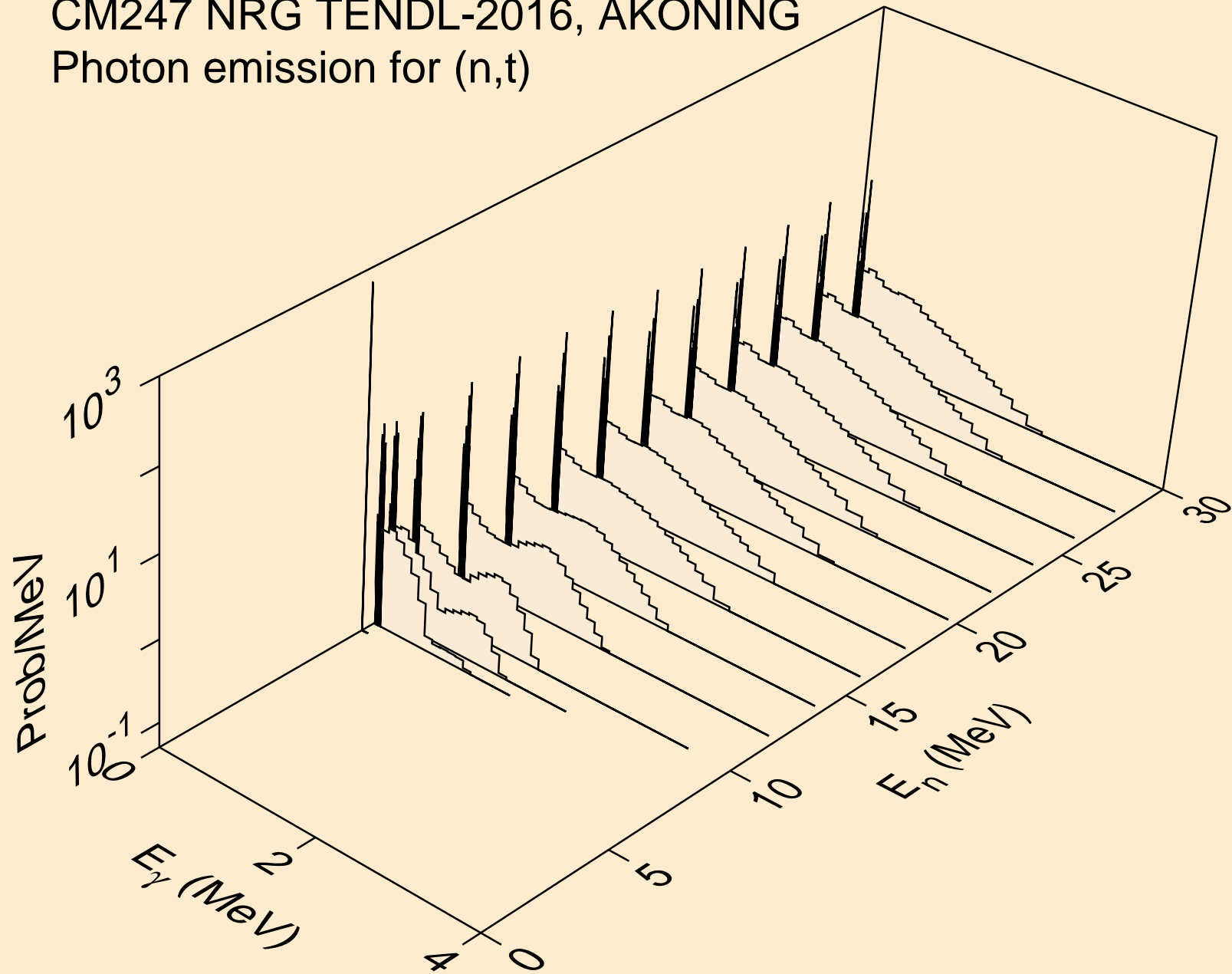
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,p)



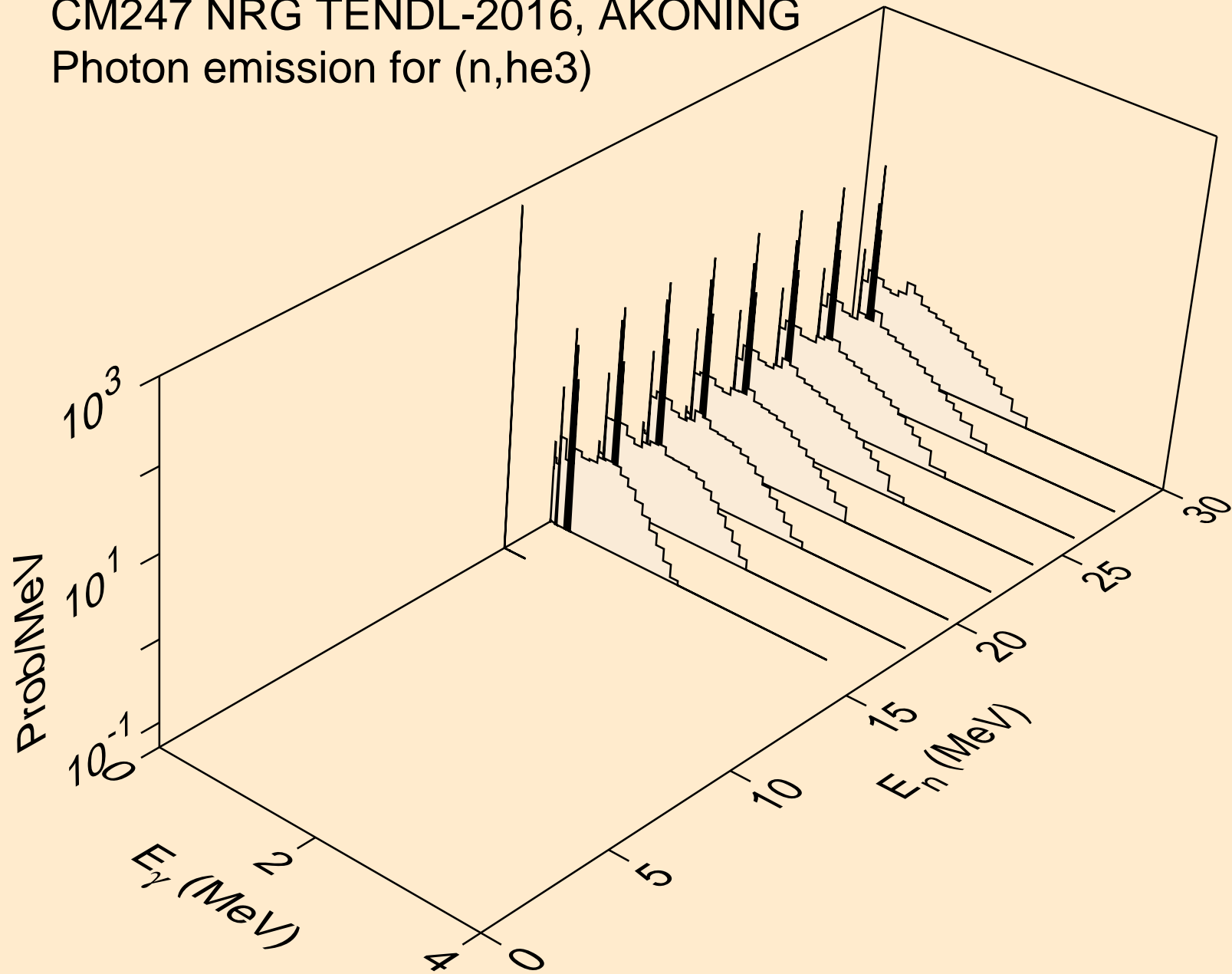
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,d)



CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,t)

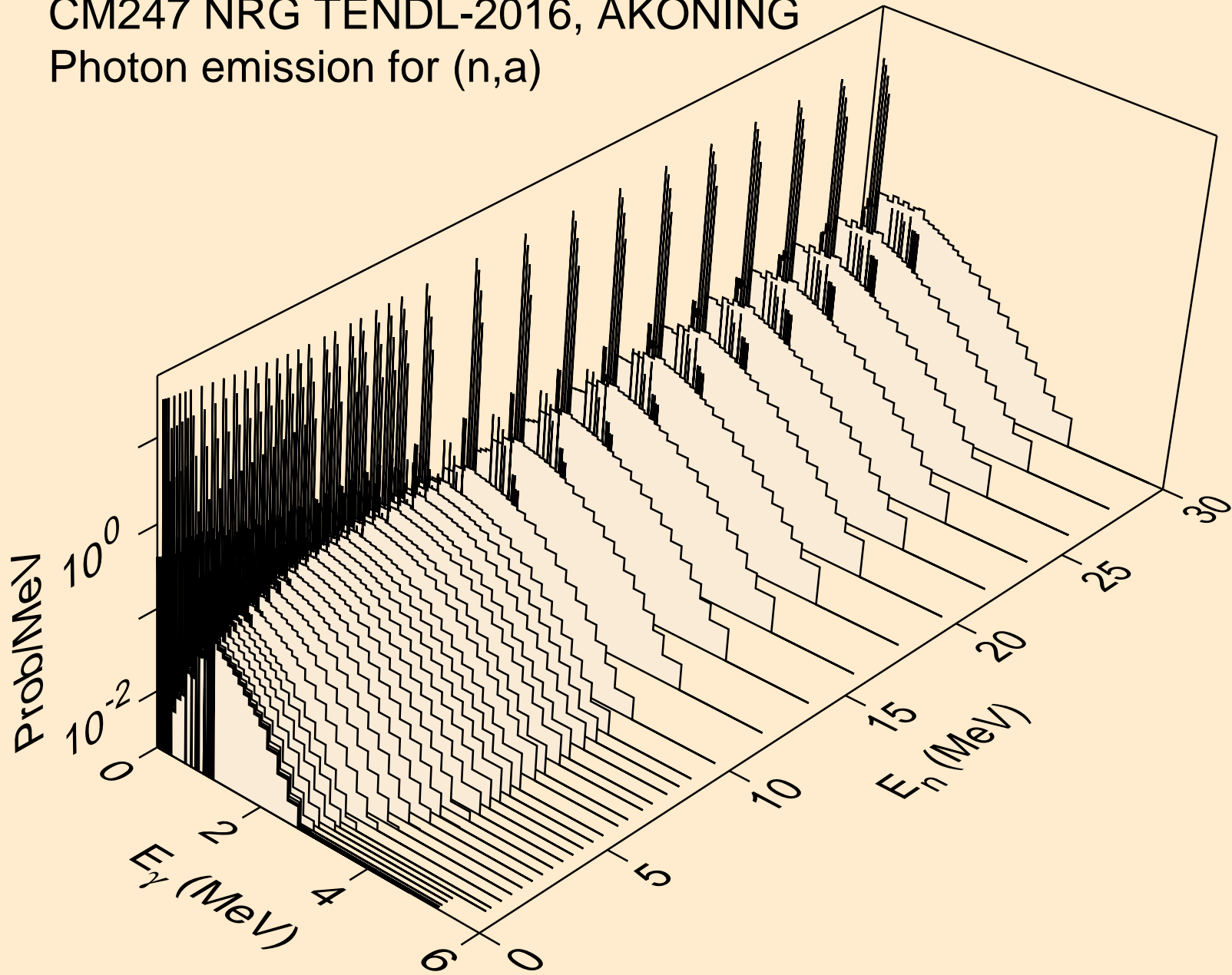


CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,he3)

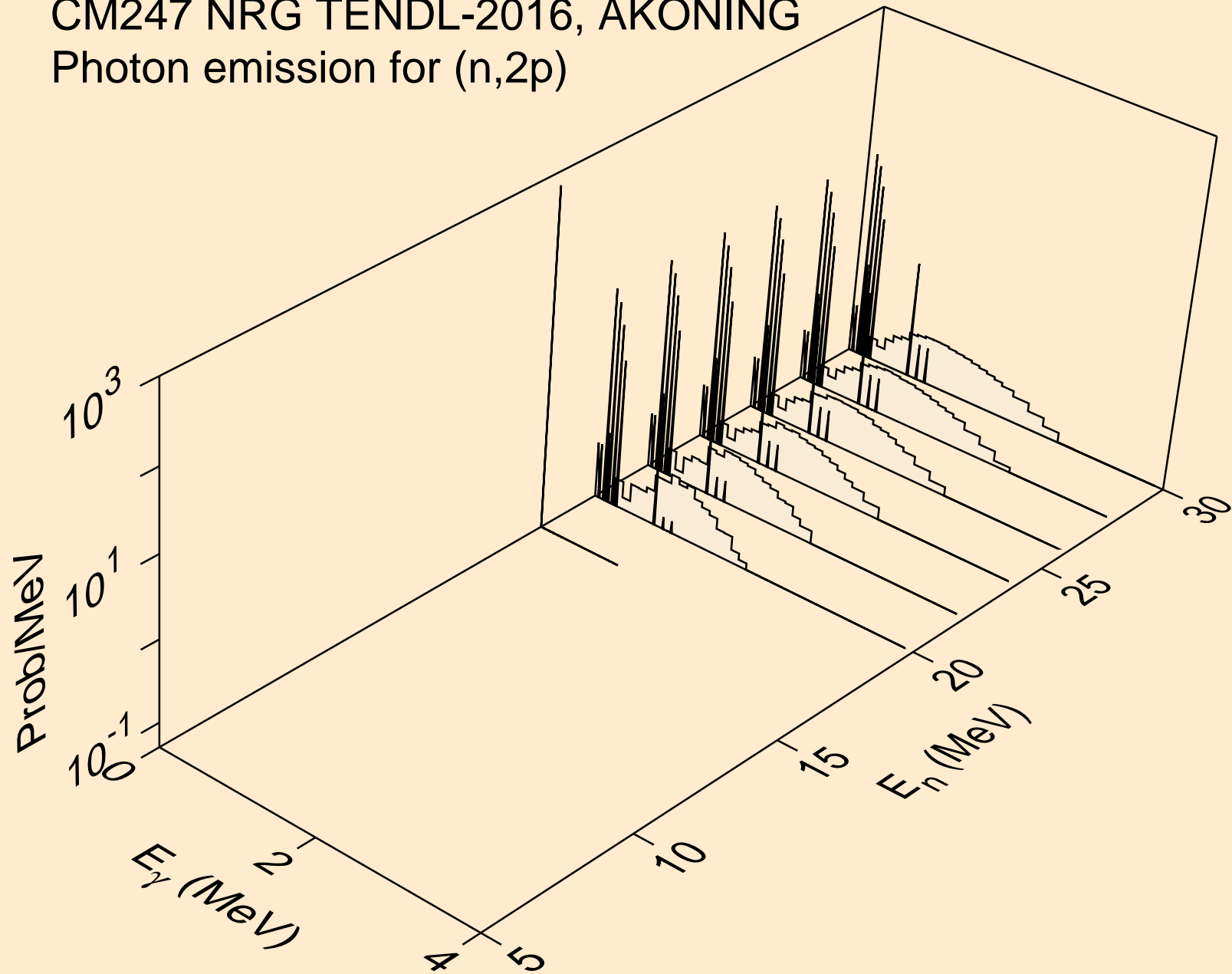




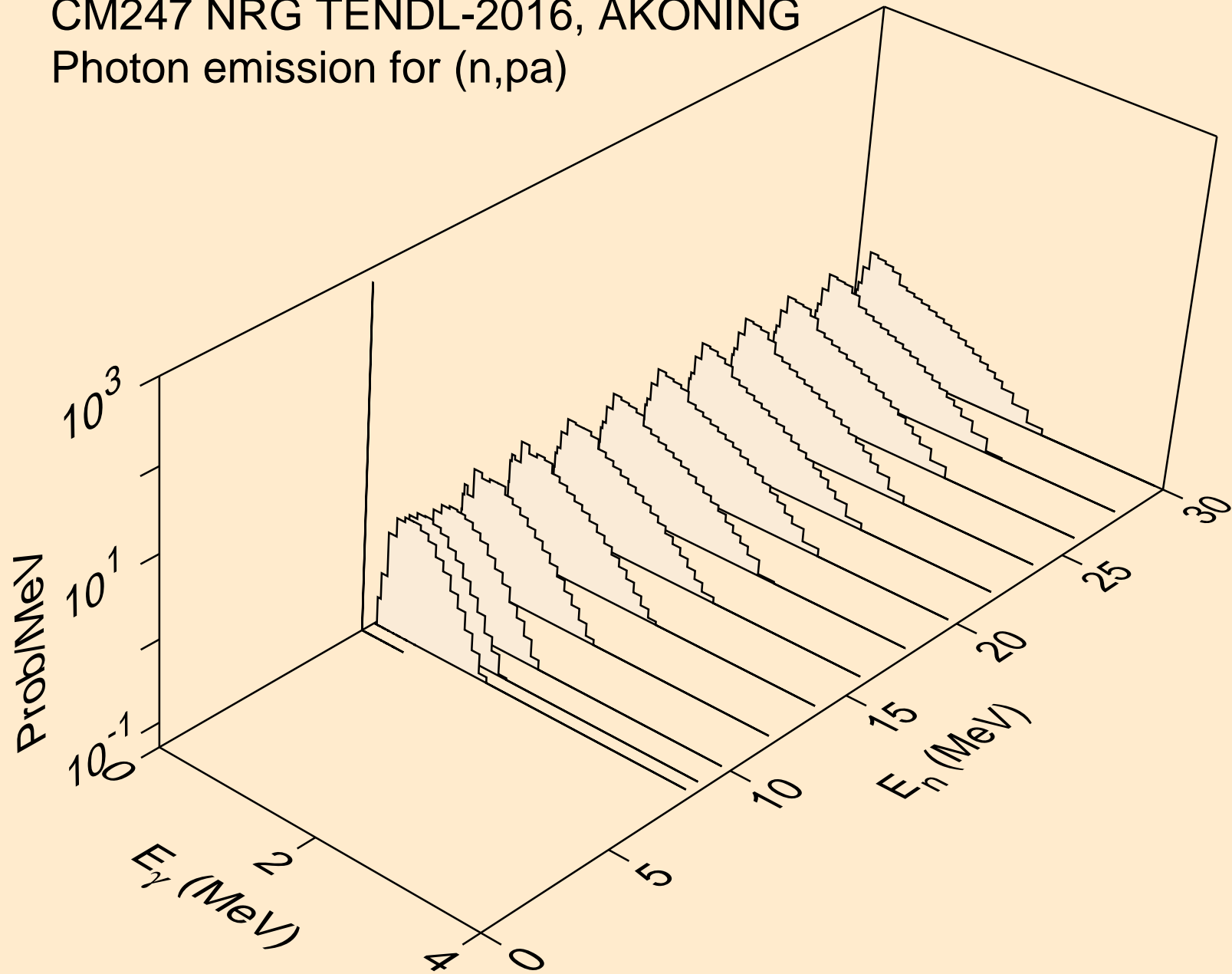
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,a)



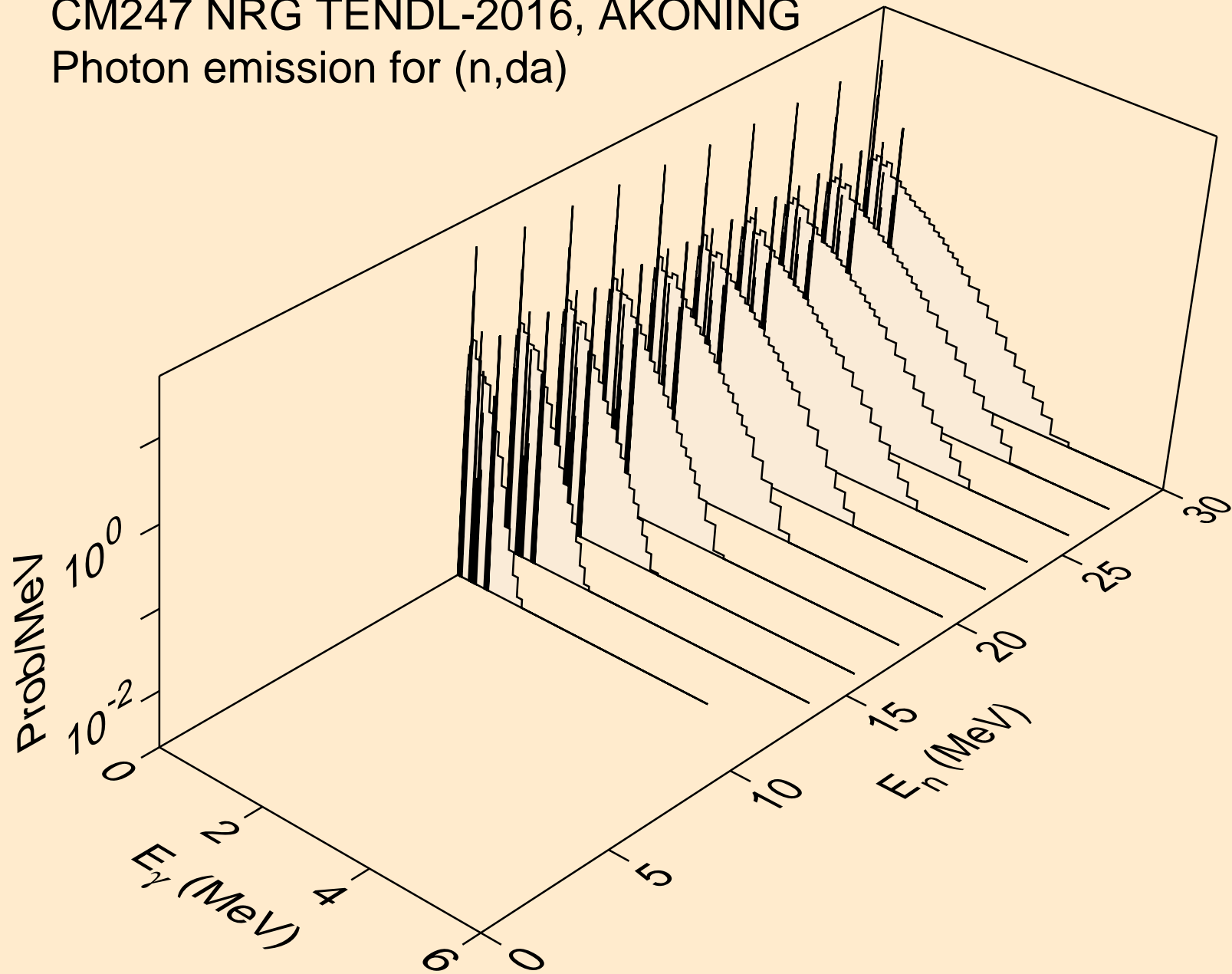
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,2p)



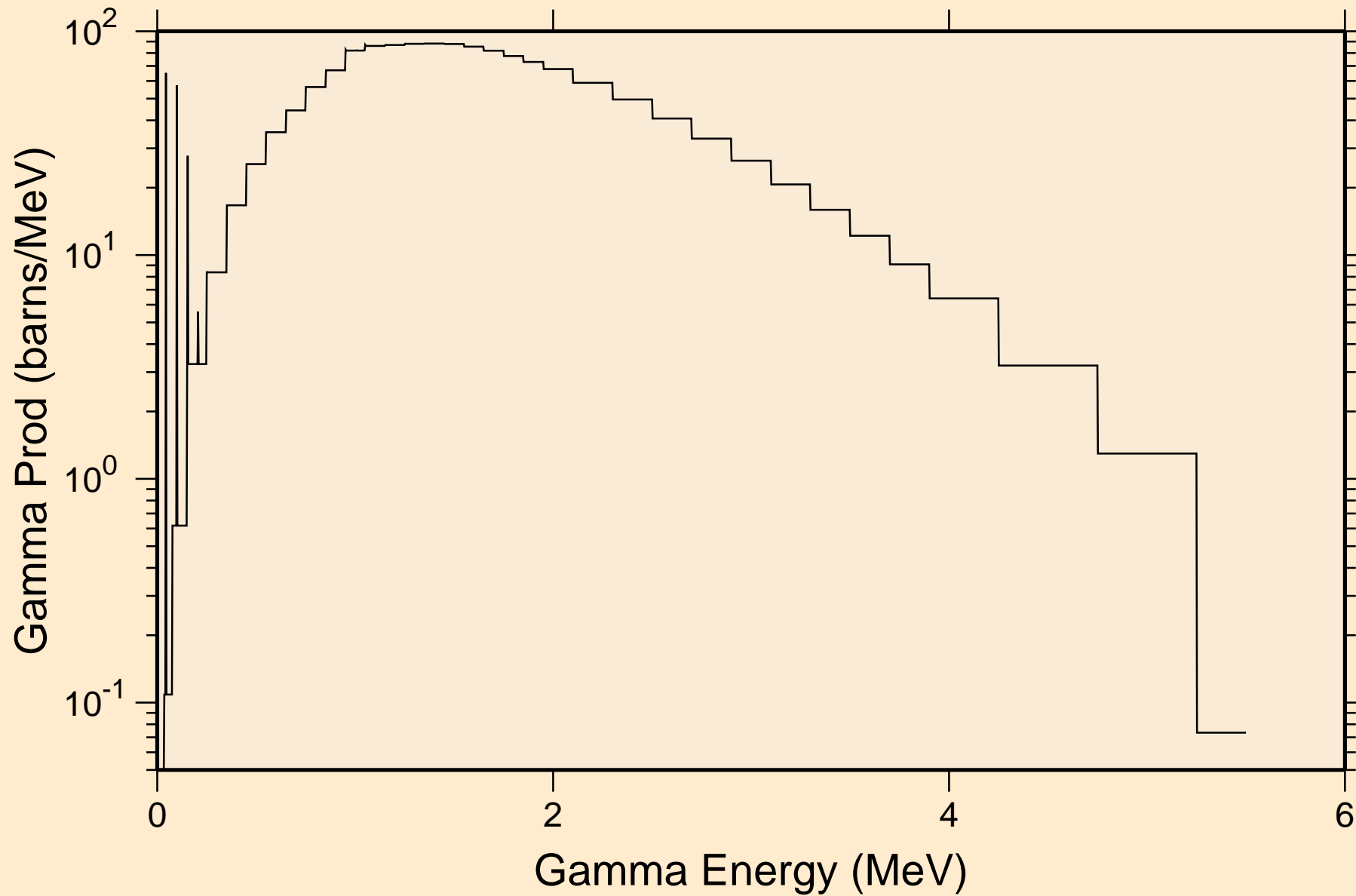
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,p)



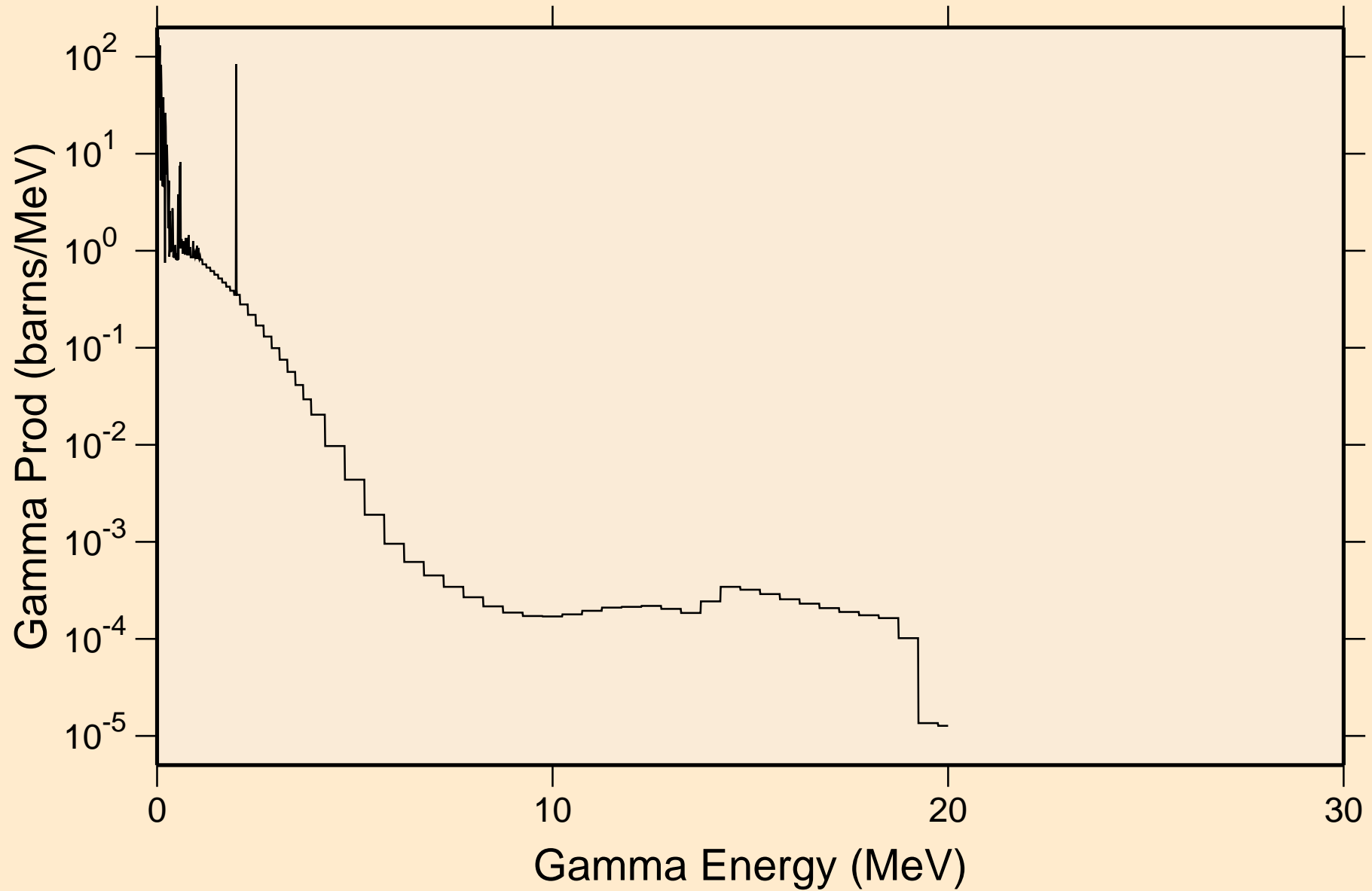
CM247 NRG TENDL-2016, AKONING  
Photon emission for (n,da)



CM247 NRG TENDL-2016, AKONING  
thermal capture photon spectrum

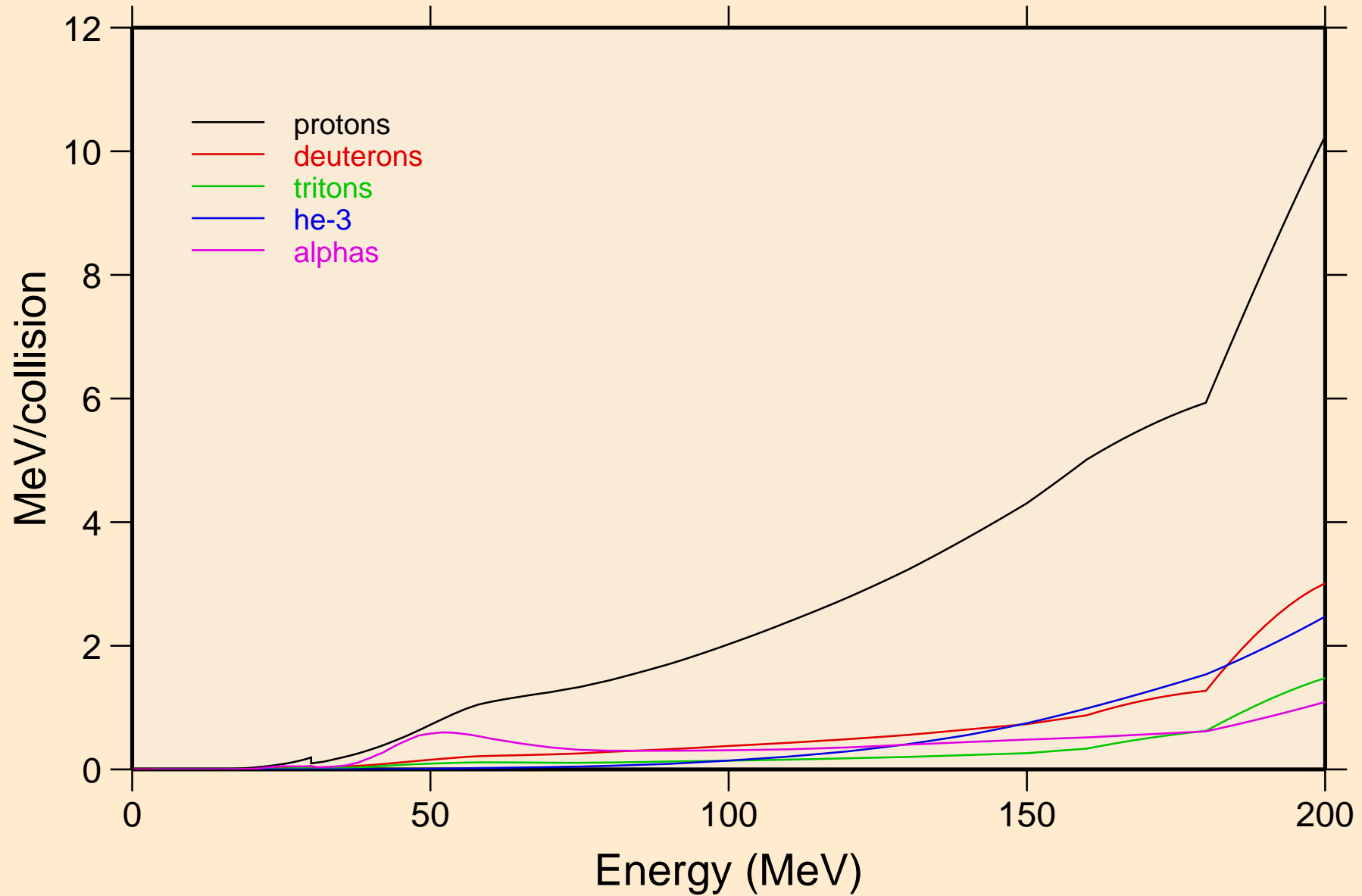


CM247 NRG TENDL-2016, AKONING  
14 MeV photon spectrum



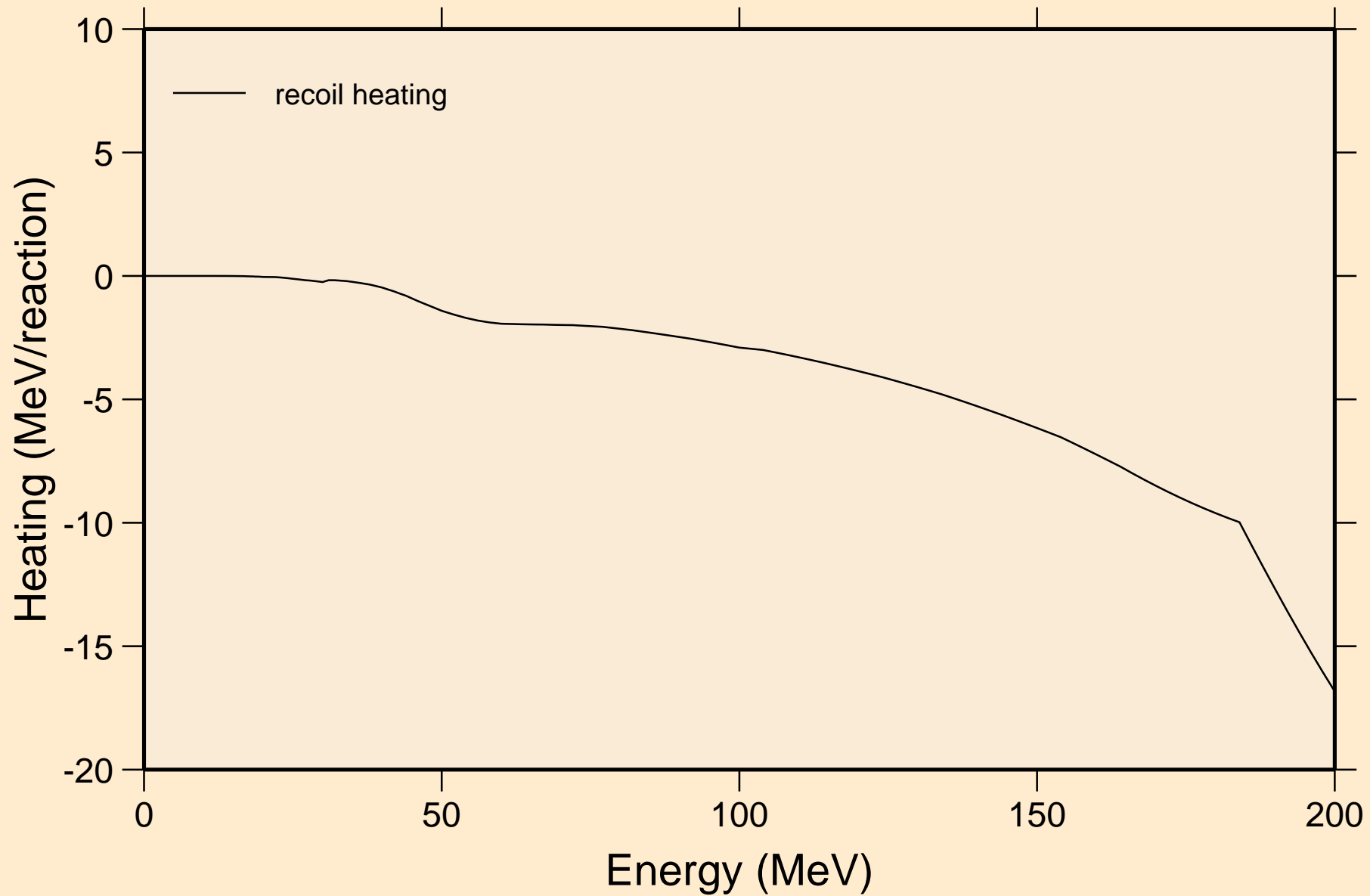
# CM247 NRG TENDL-2016, AKONING

## Particle heating contributions



# CM247 NRG TENDL-2016, AKONING

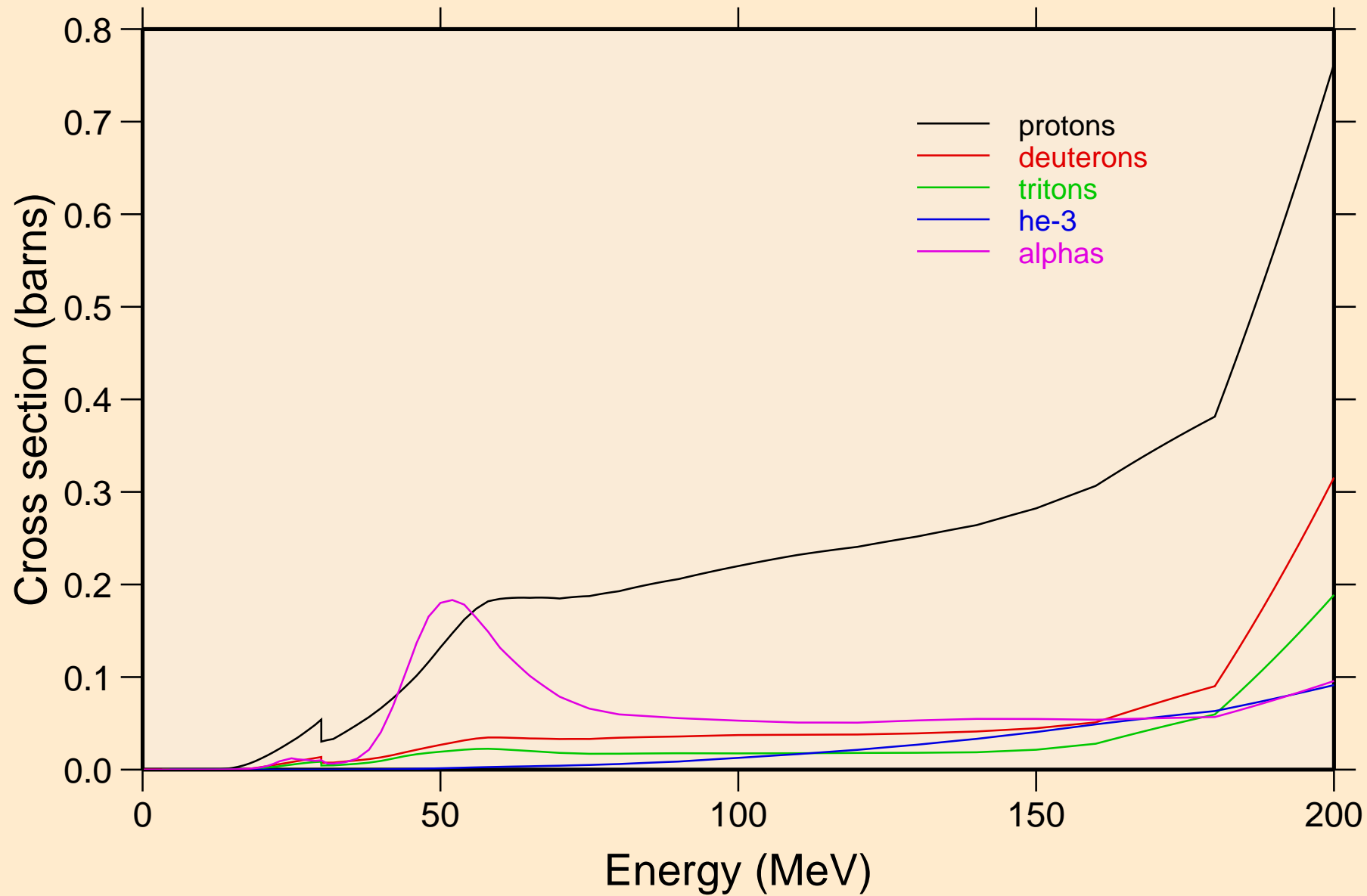
## Recoil Heating



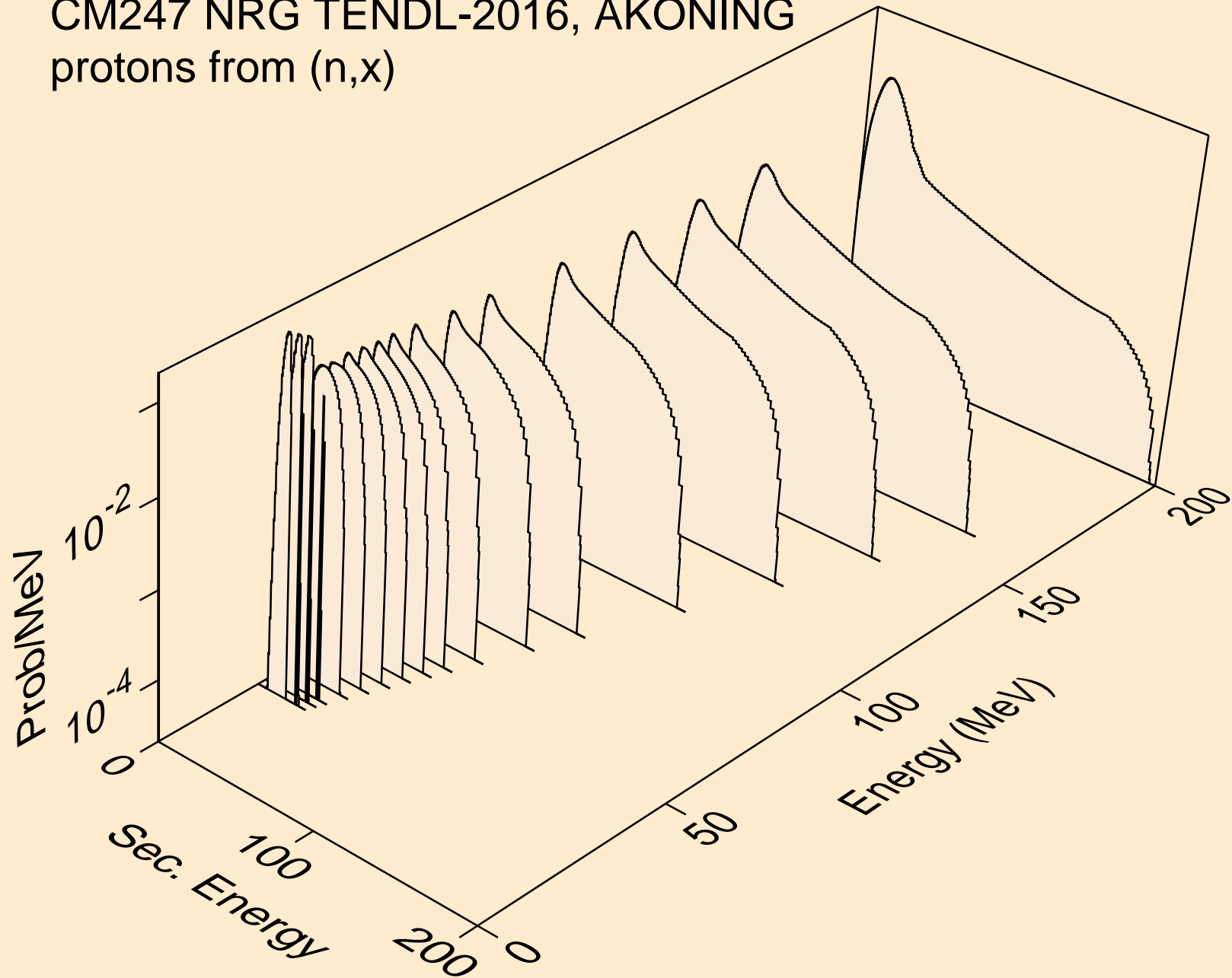


# CM247 NRG TENDL-2016, AKONING

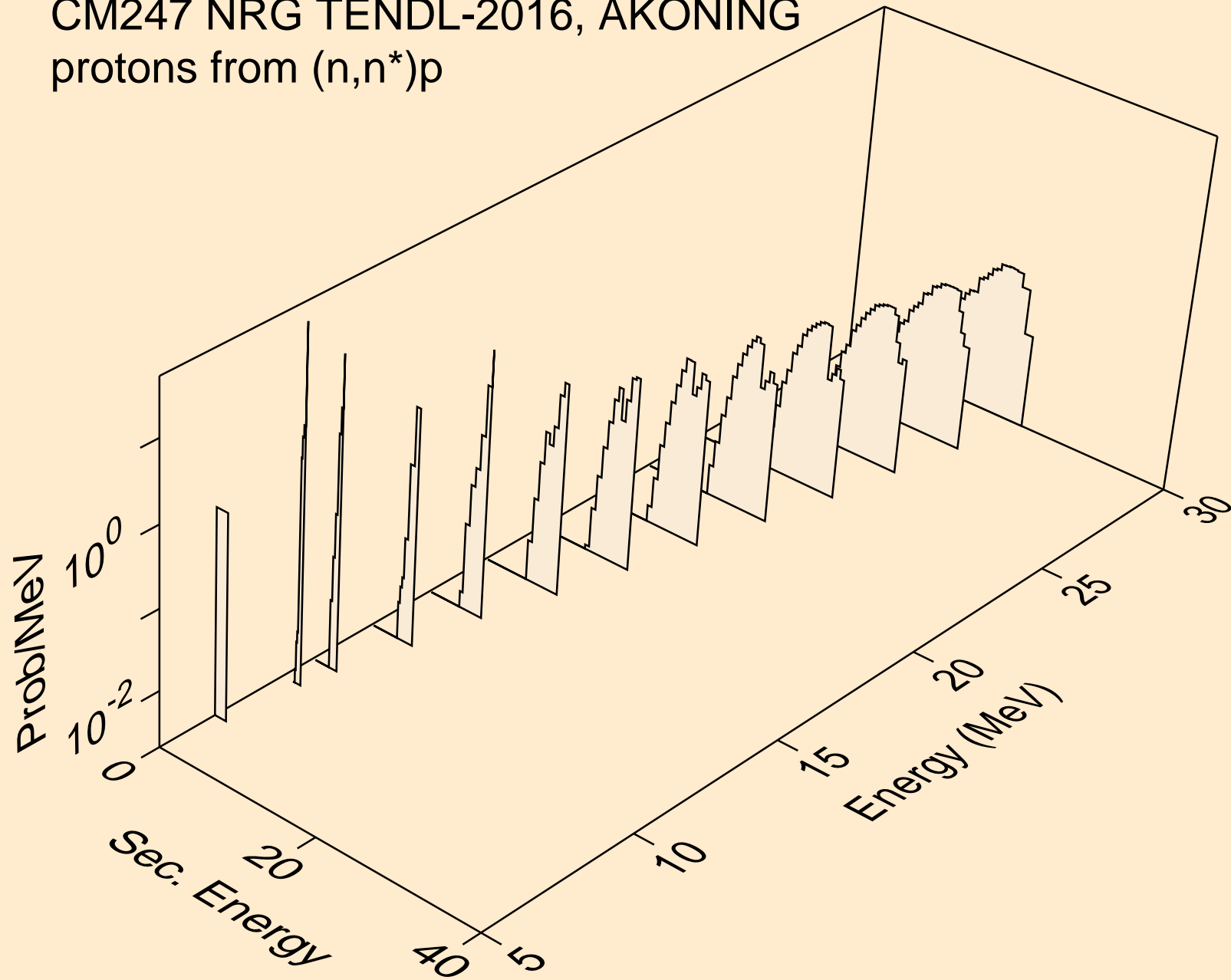
## Particle production cross sections



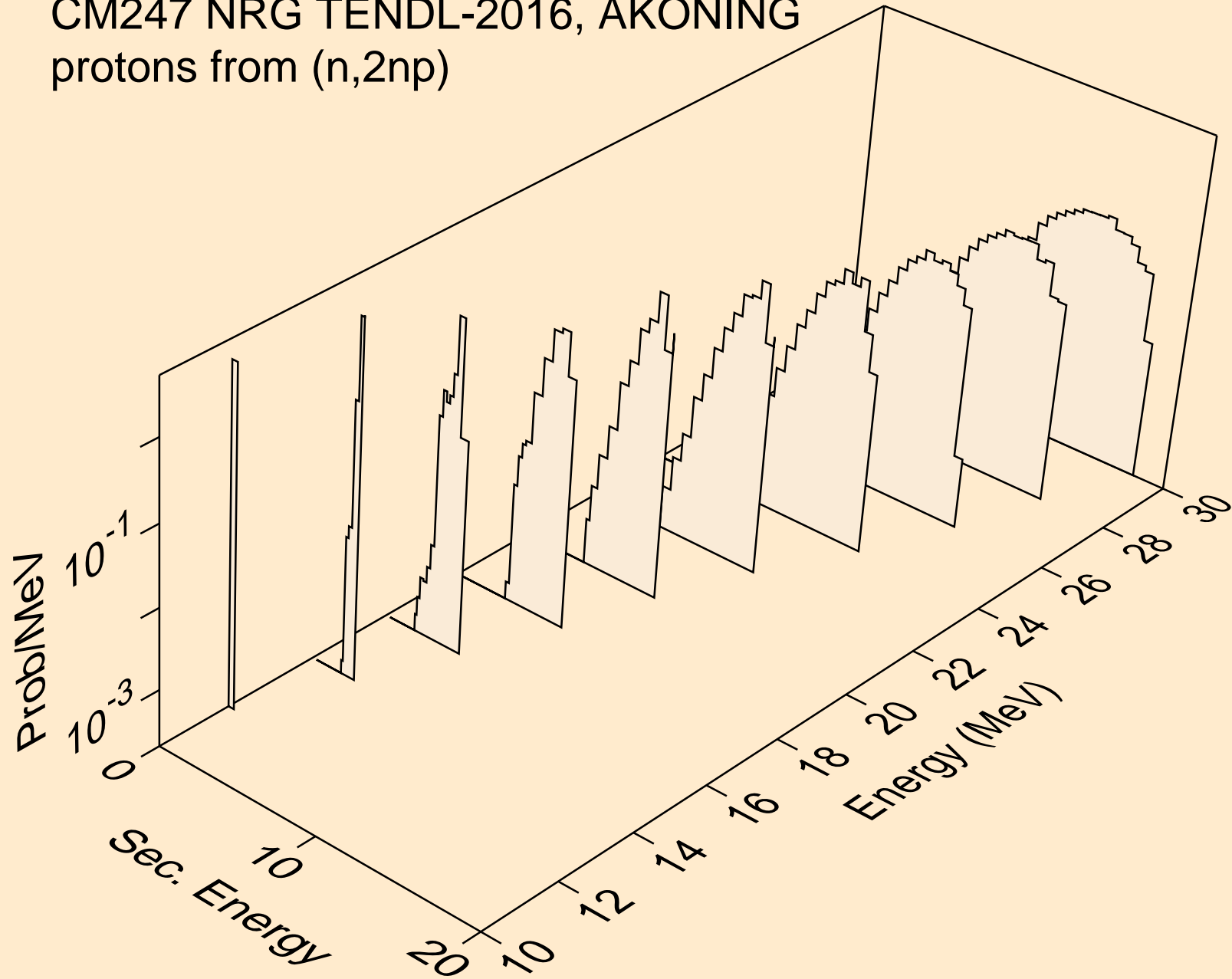
CM247 NRG TENDL-2016, AKONING  
protons from (n,x)



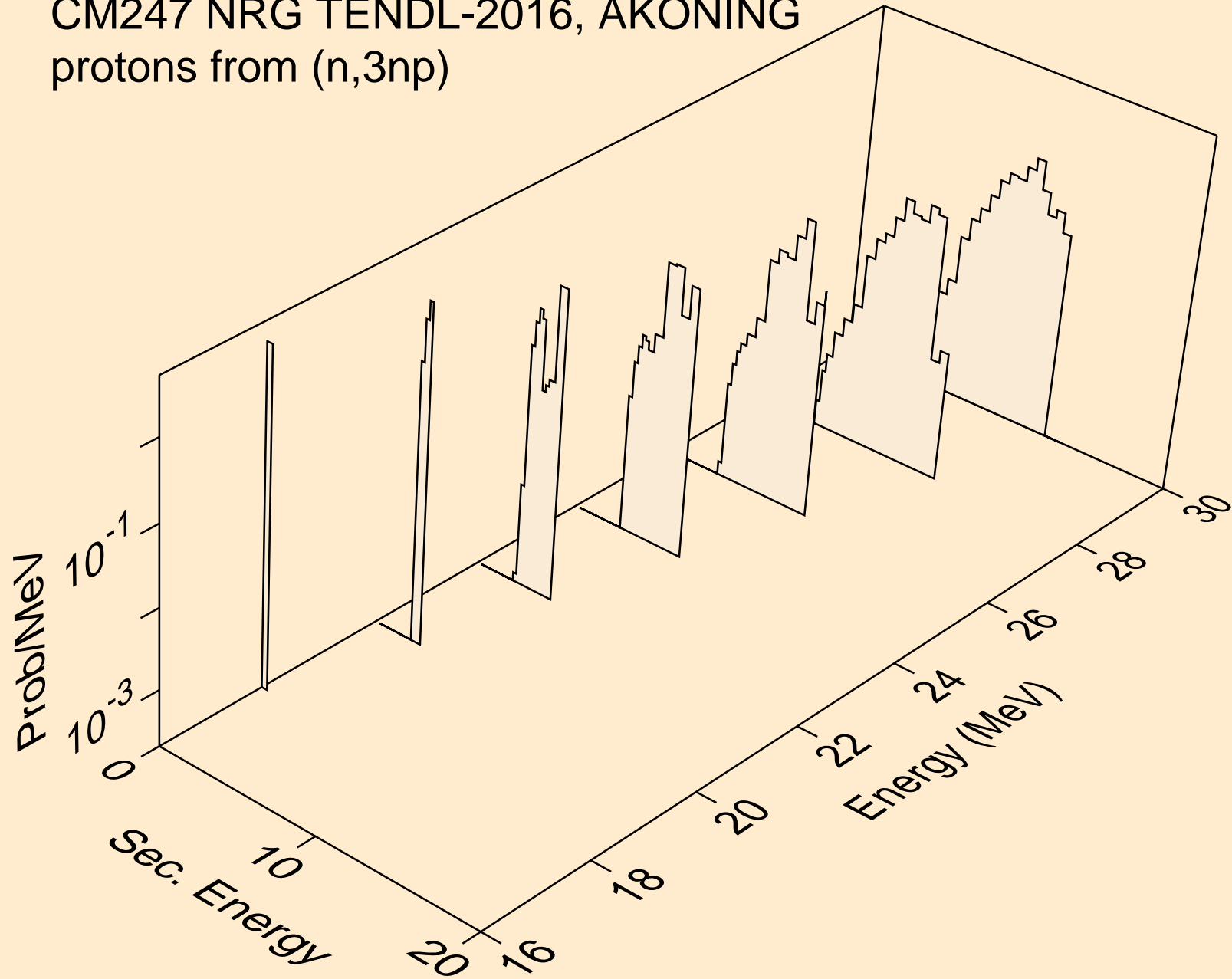
CM247 NRG TENDL-2016, AKONING  
protons from (n,n\*)p



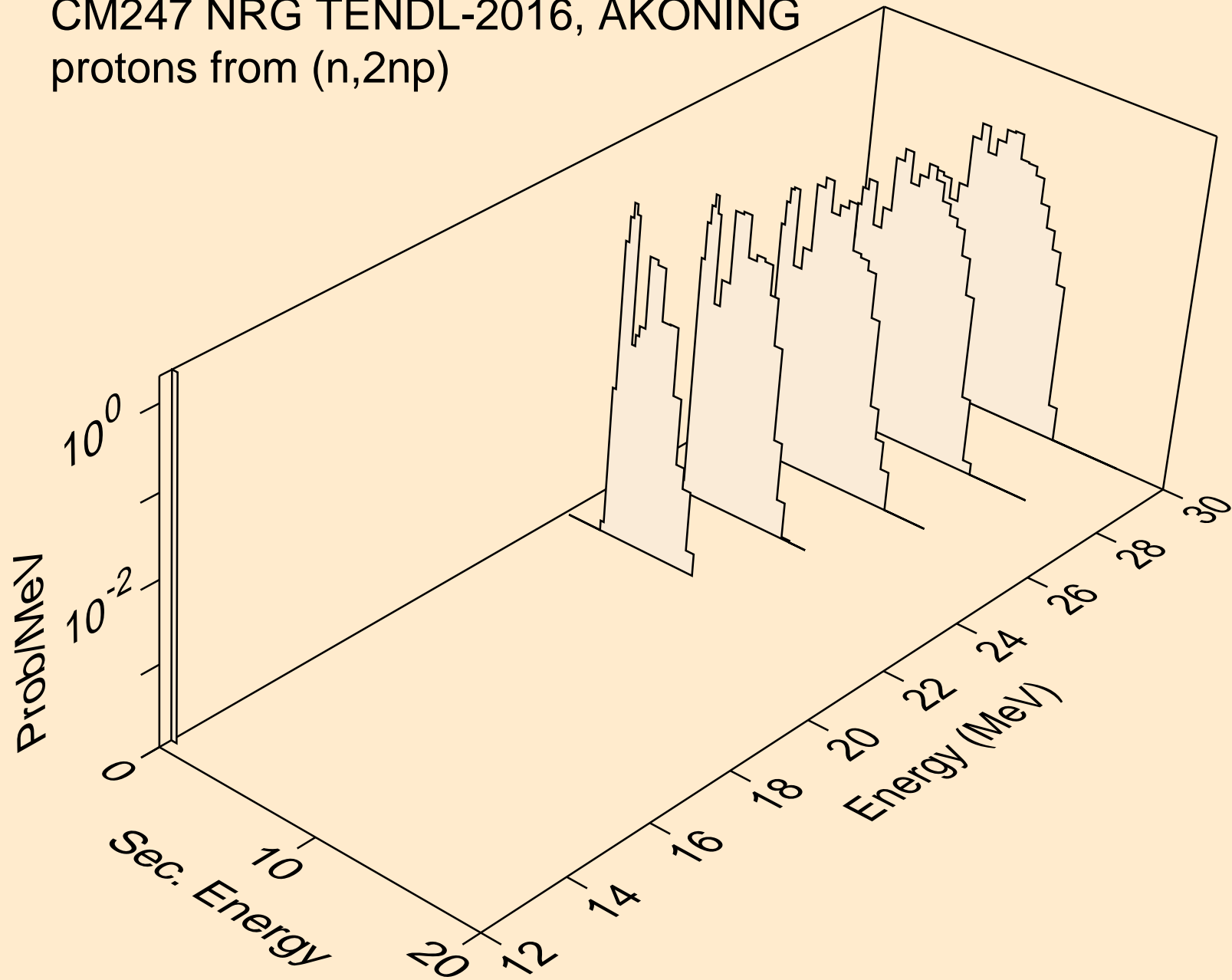
CM247 NRG TENDL-2016, AKONING  
protons from (n,2np)



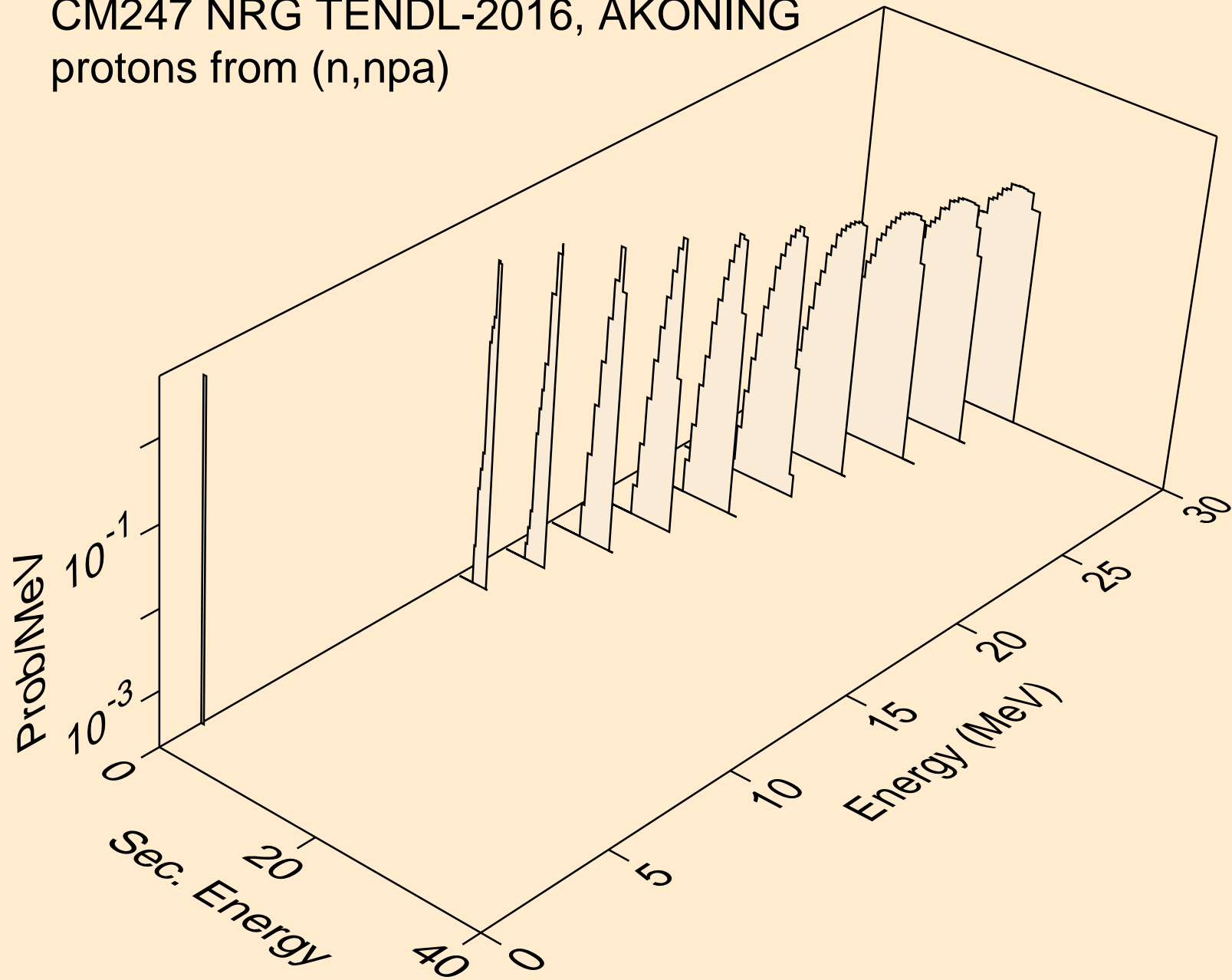
CM247 NRG TENDL-2016, AKONING  
protons from (n,3np)



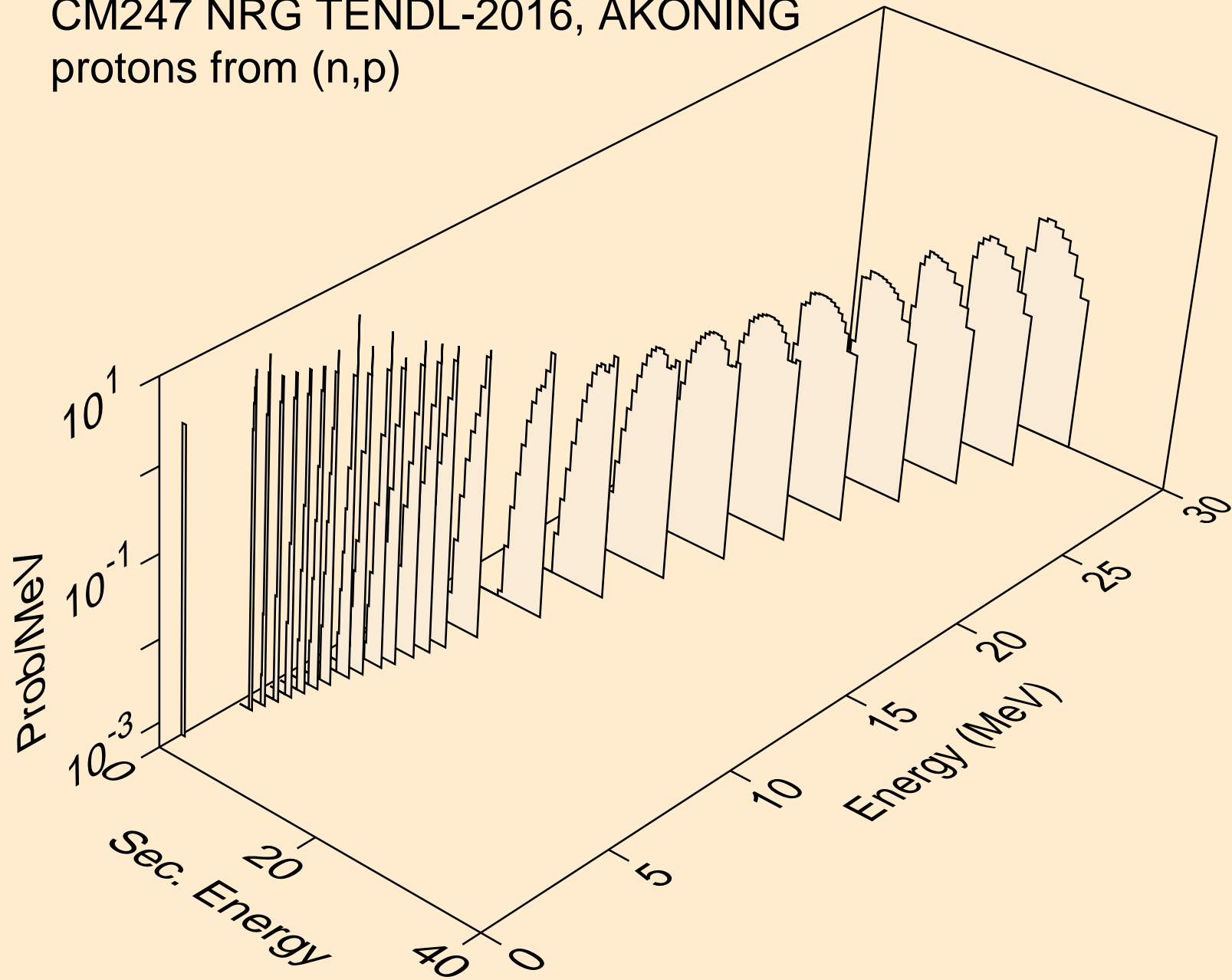
CM247 NRG TENDL-2016, AKONING  
protons from (n,2np)



CM247 NRG TENDL-2016, AKONING  
protons from (n,npa)

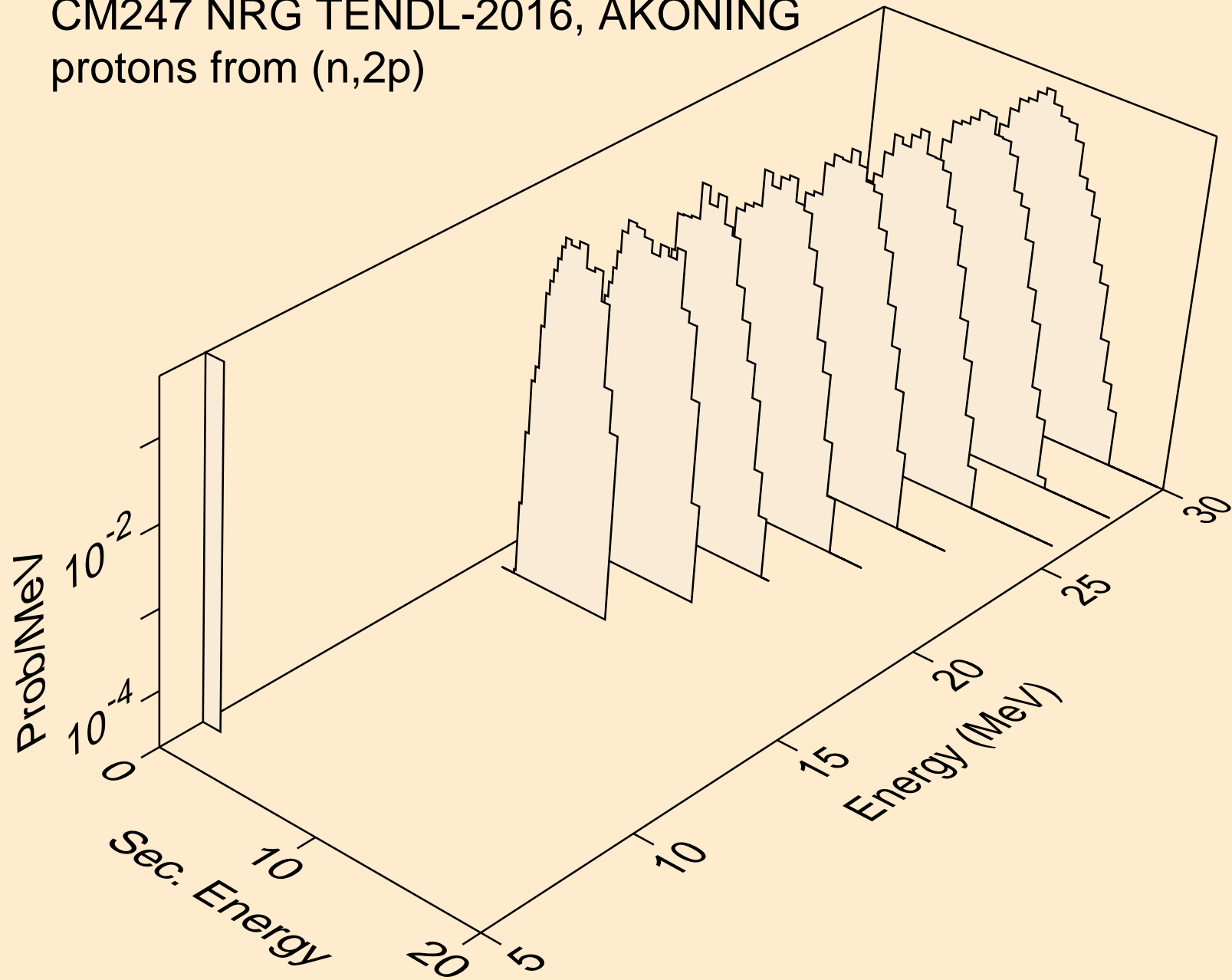


CM247 NRG TENDL-2016, AKONING  
protons from (n,p)

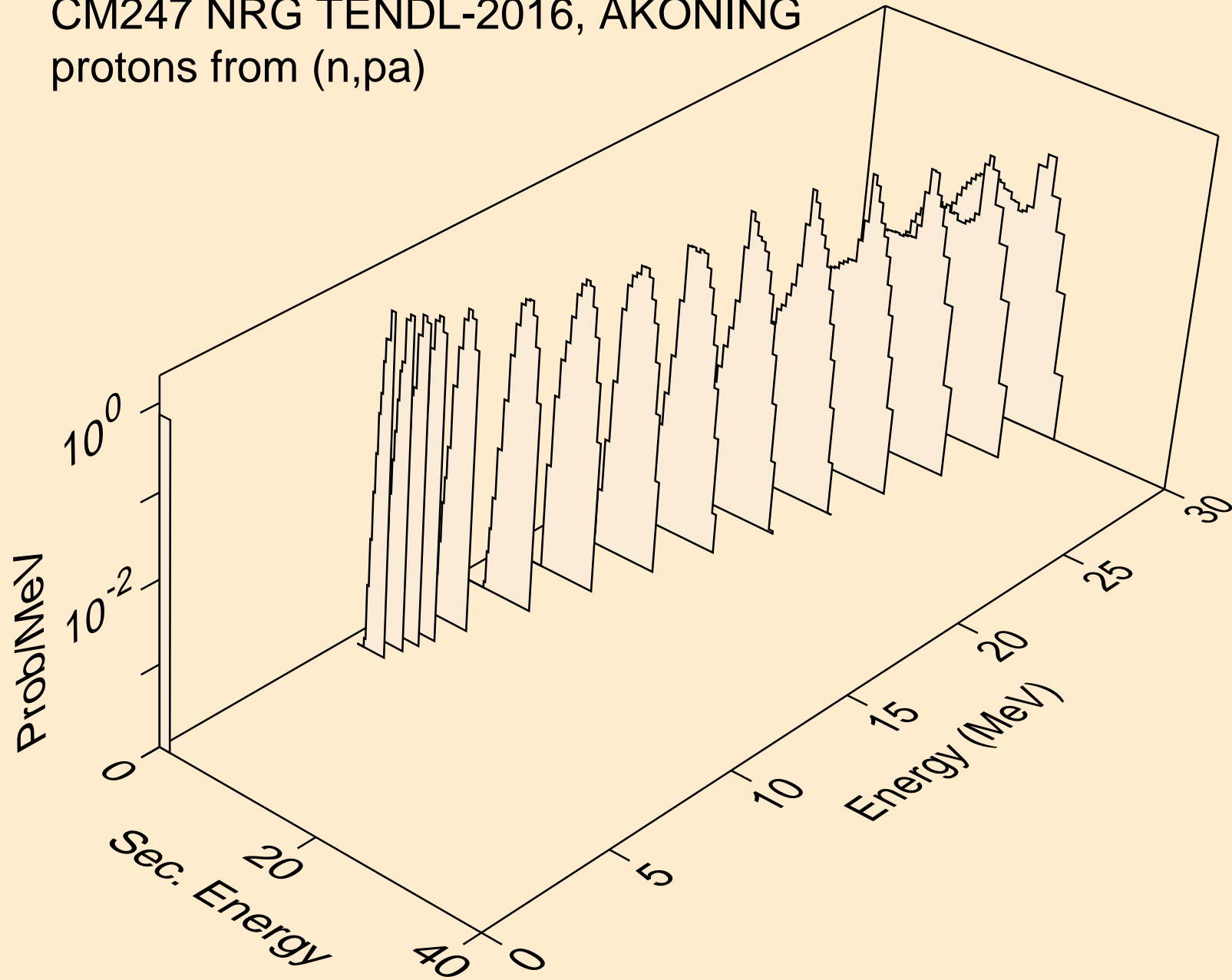




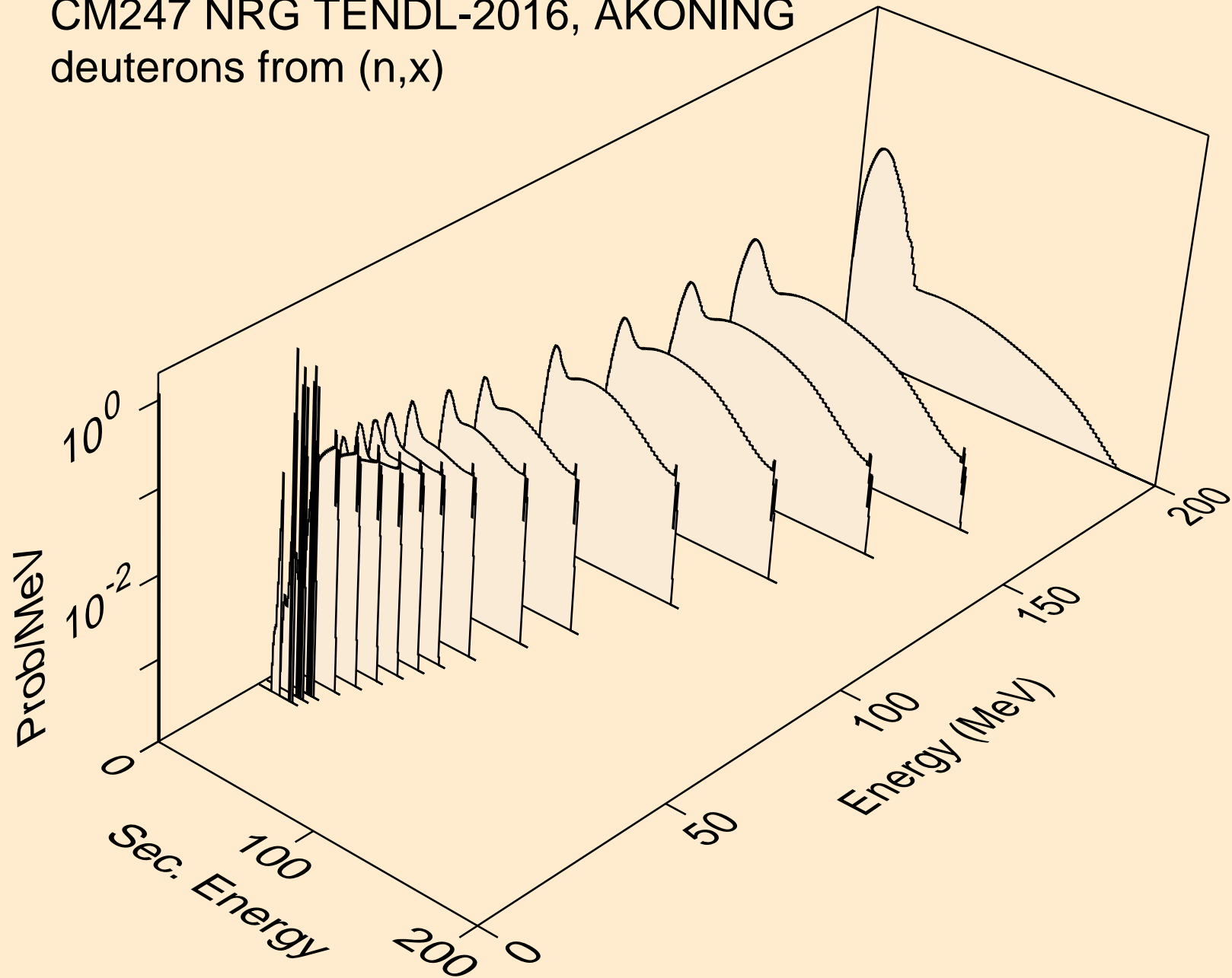
CM247 NRG TENDL-2016, AKONING  
protons from (n,2p)



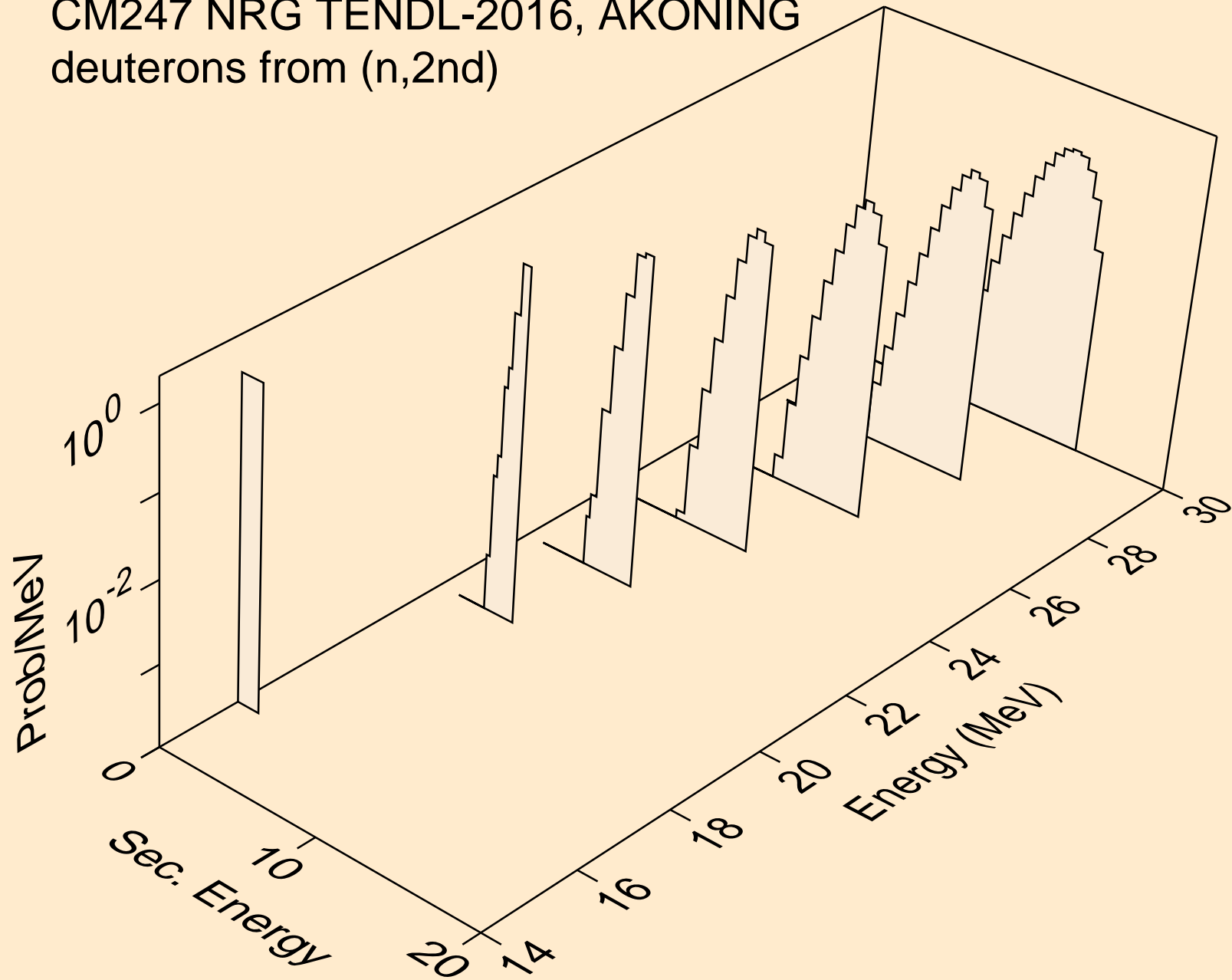
CM247 NRG TENDL-2016, AKONING  
protons from (n,pa)



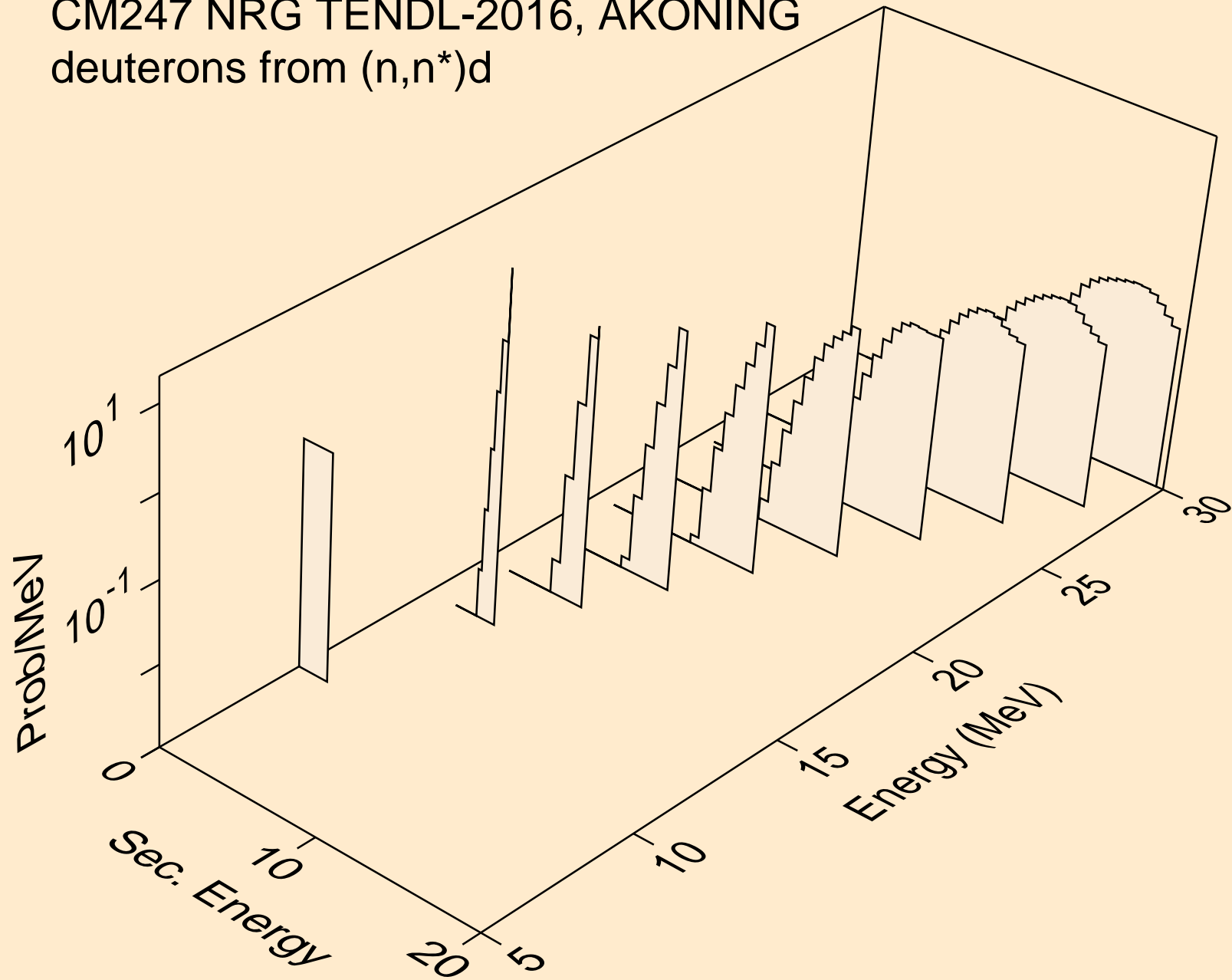
CM247 NRG TENDL-2016, AKONING  
deuterons from (n,x)



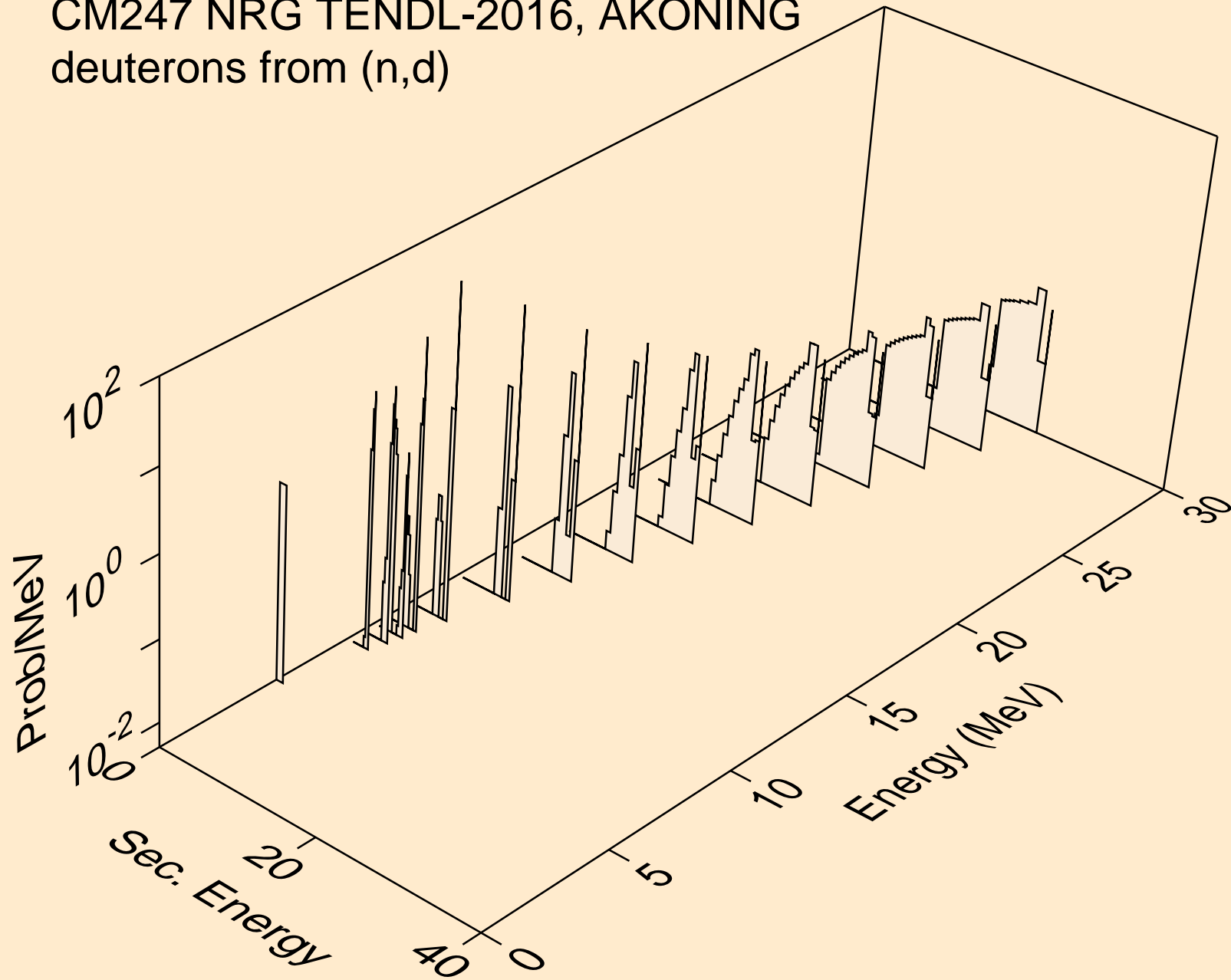
CM247 NRG TENDL-2016, AKONING  
deuterons from (n,2nd)



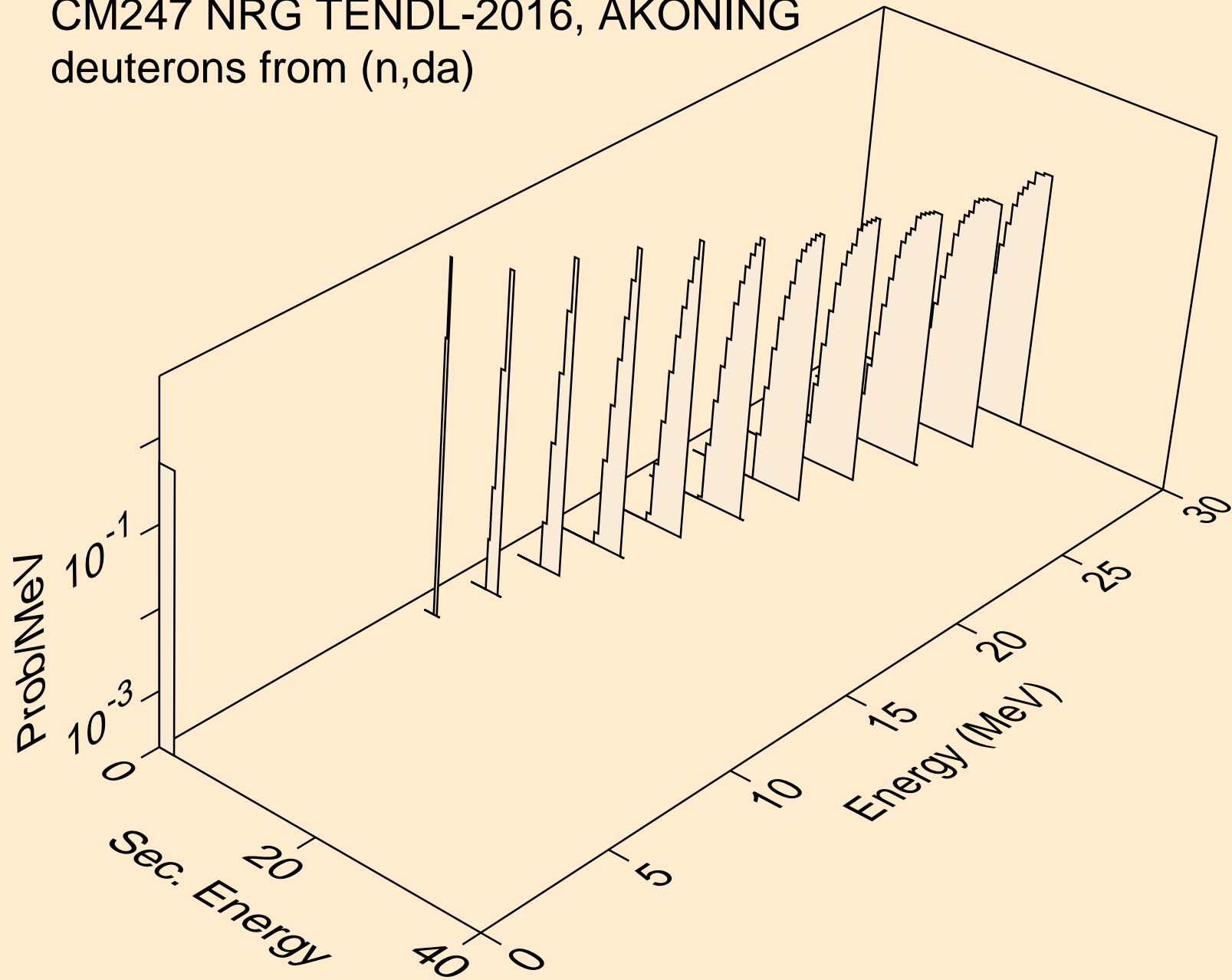
CM247 NRG TENDL-2016, AKONING  
deuterons from (n,n\*)d



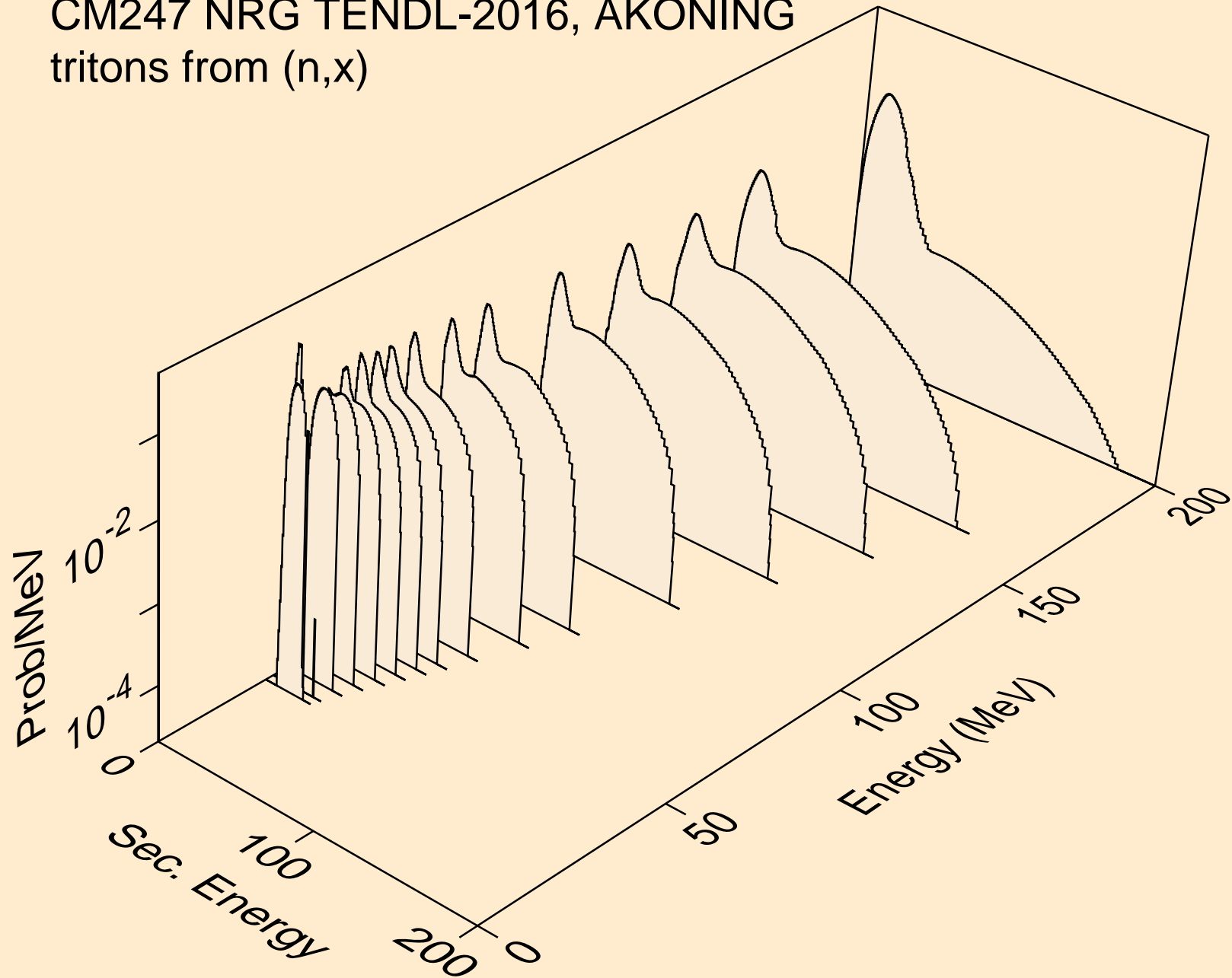
CM247 NRG TENDL-2016, AKONING  
deuterons from (n,d)



CM247 NRG TENDL-2016, AKONING  
deuterons from (n,da)

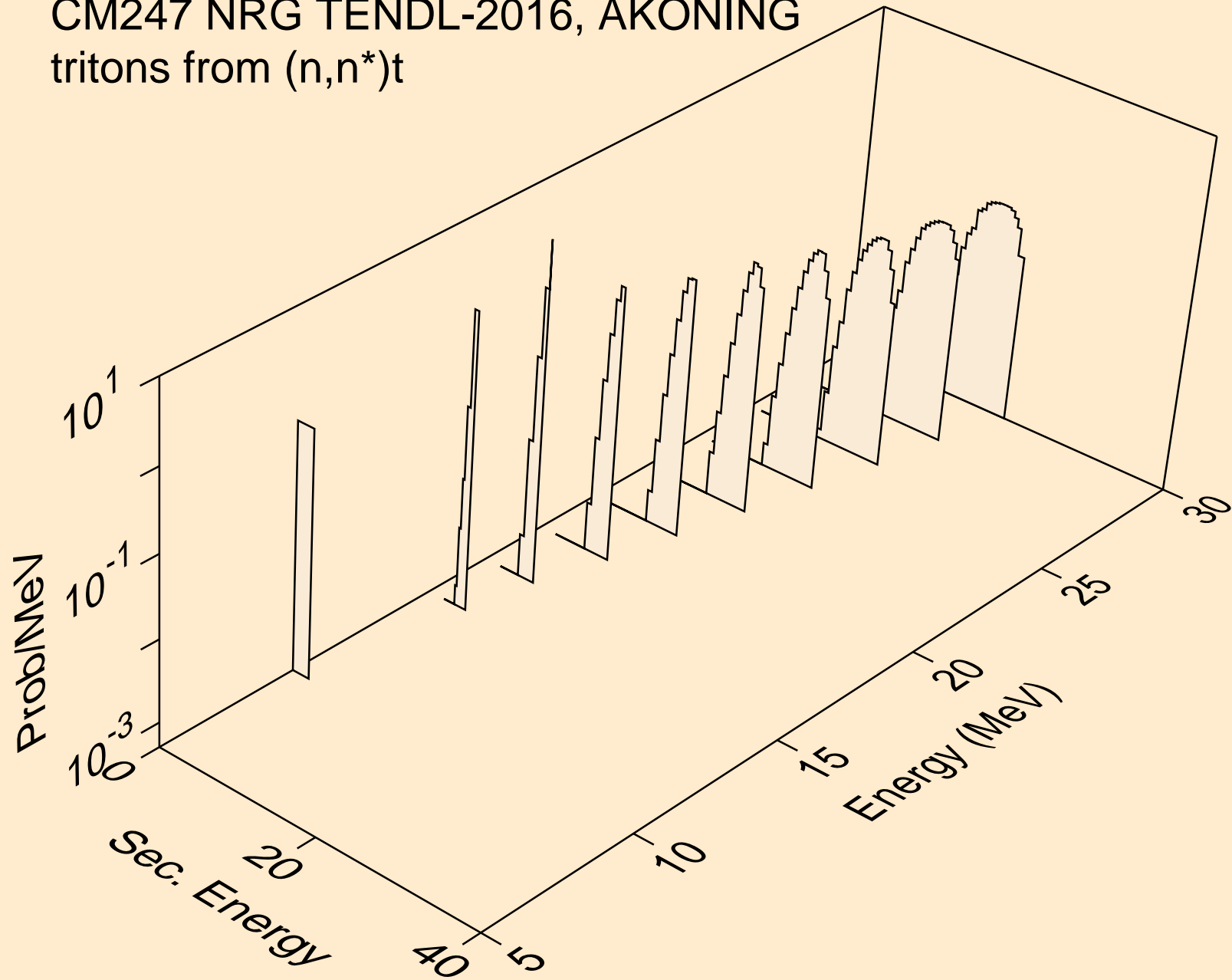


CM247 NRG TENDL-2016, AKONING  
tritons from (n,x)

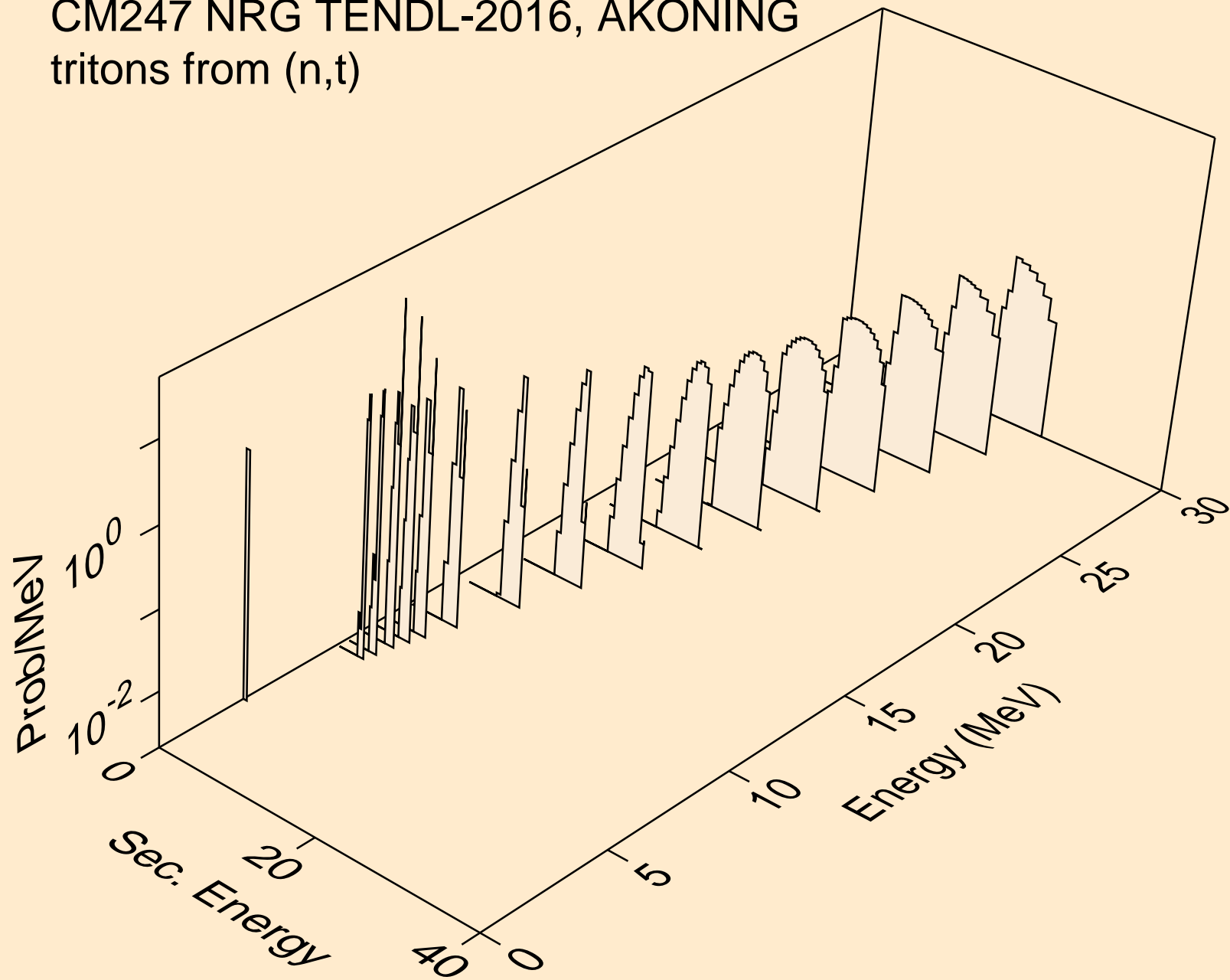




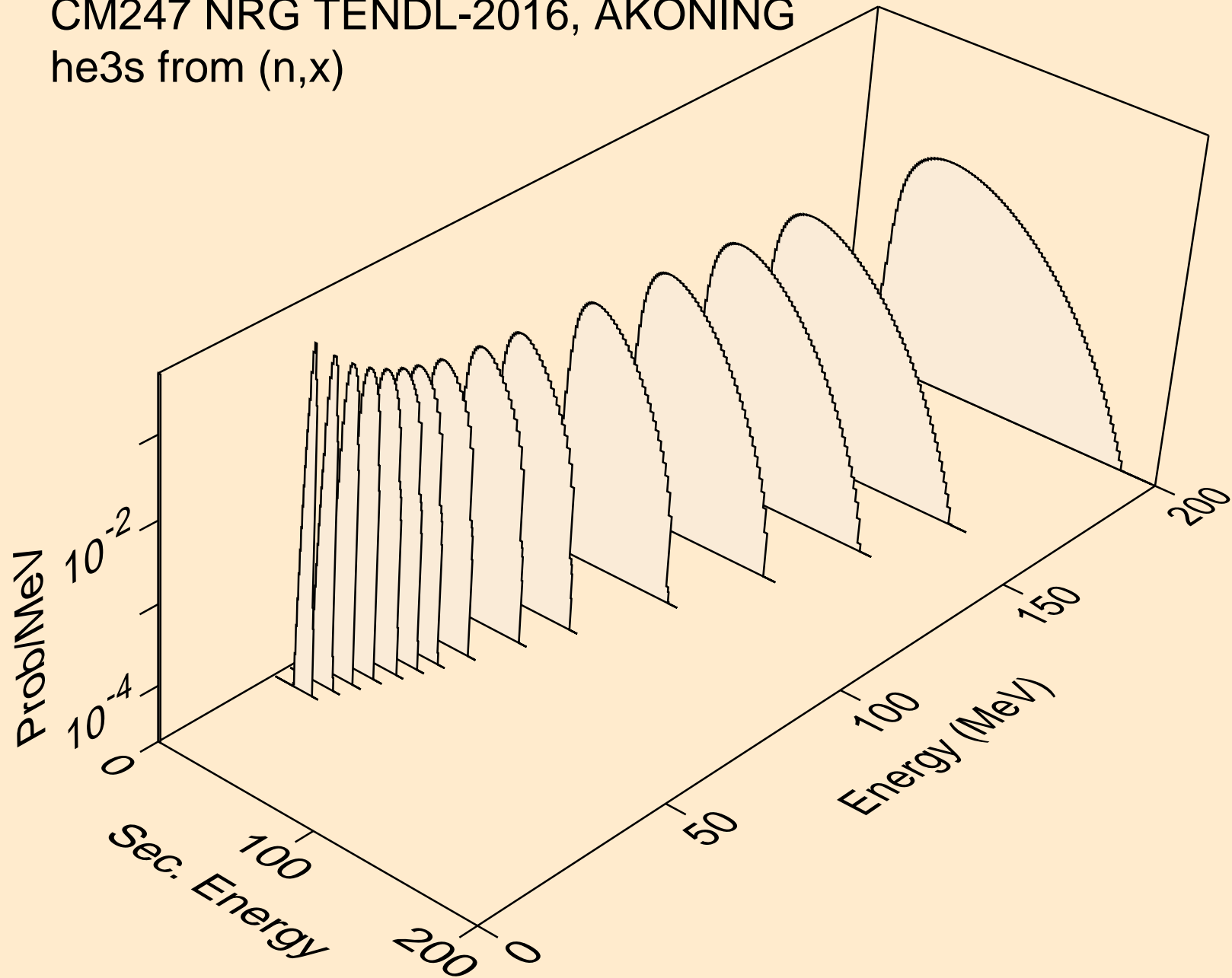
CM247 NRG TENDL-2016, AKONING  
tritons from (n,n\*)t



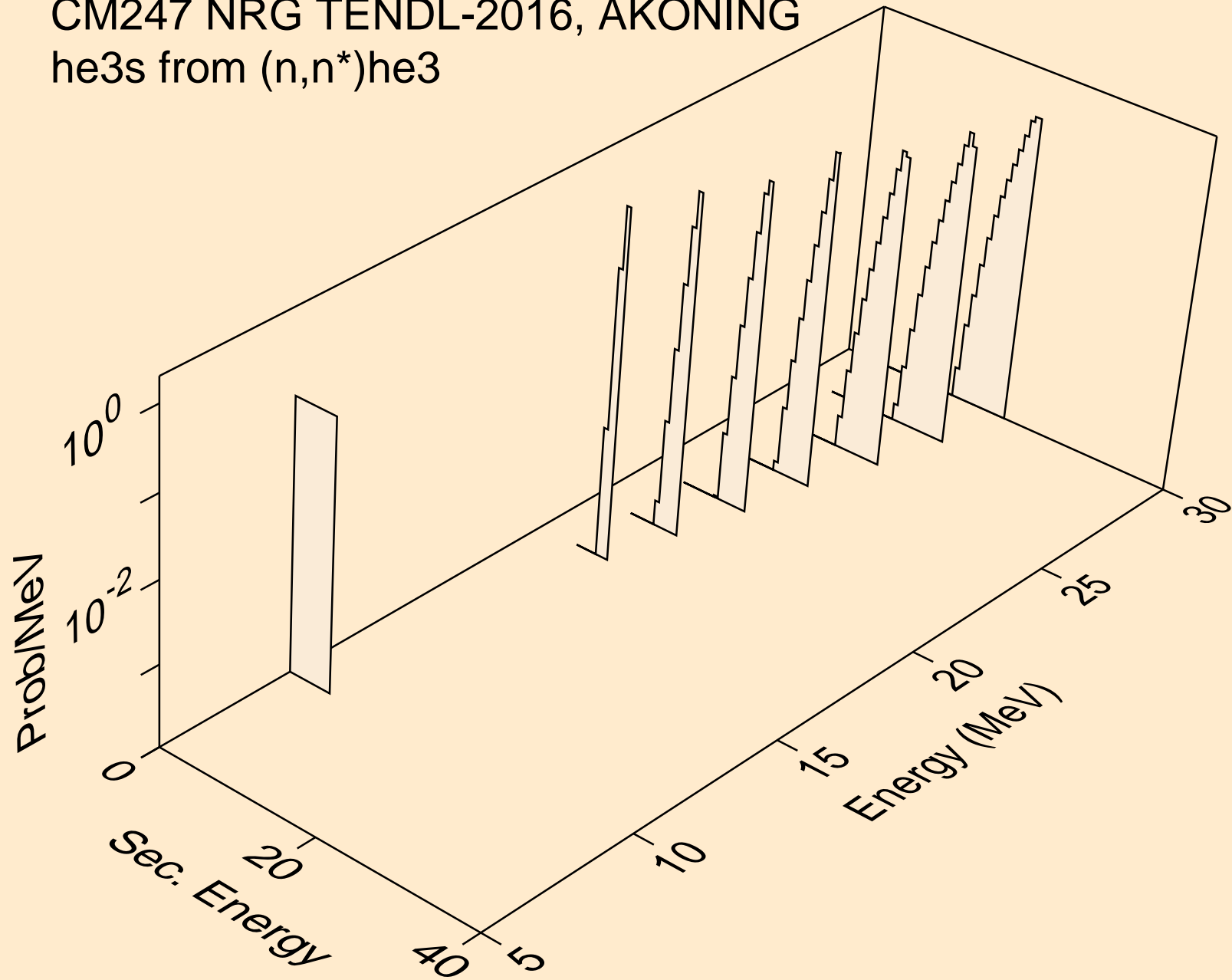
CM247 NRG TENDL-2016, AKONING  
tritons from (n,t)



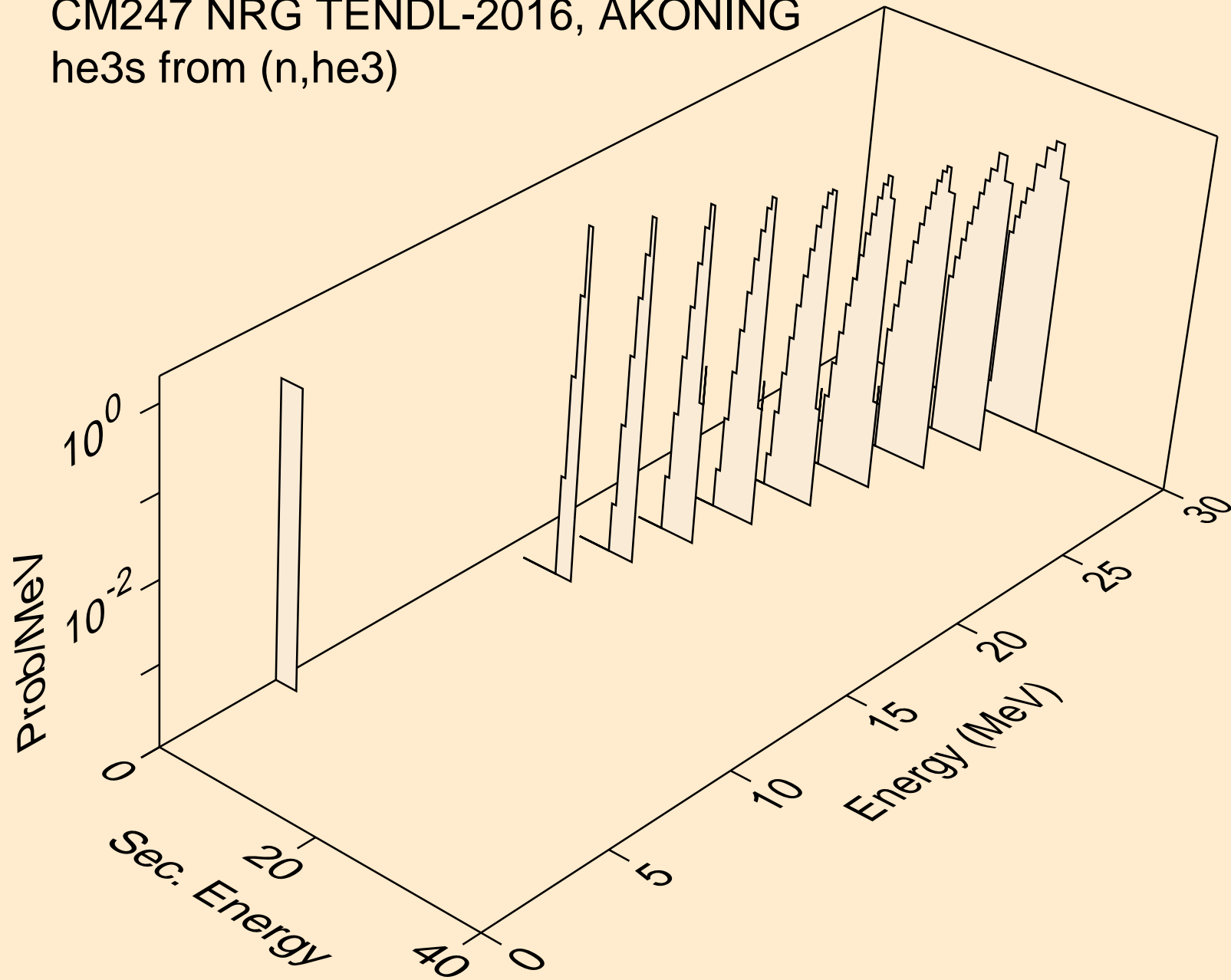
CM247 NRG TENDL-2016, AKONING  
he3s from (n,x)



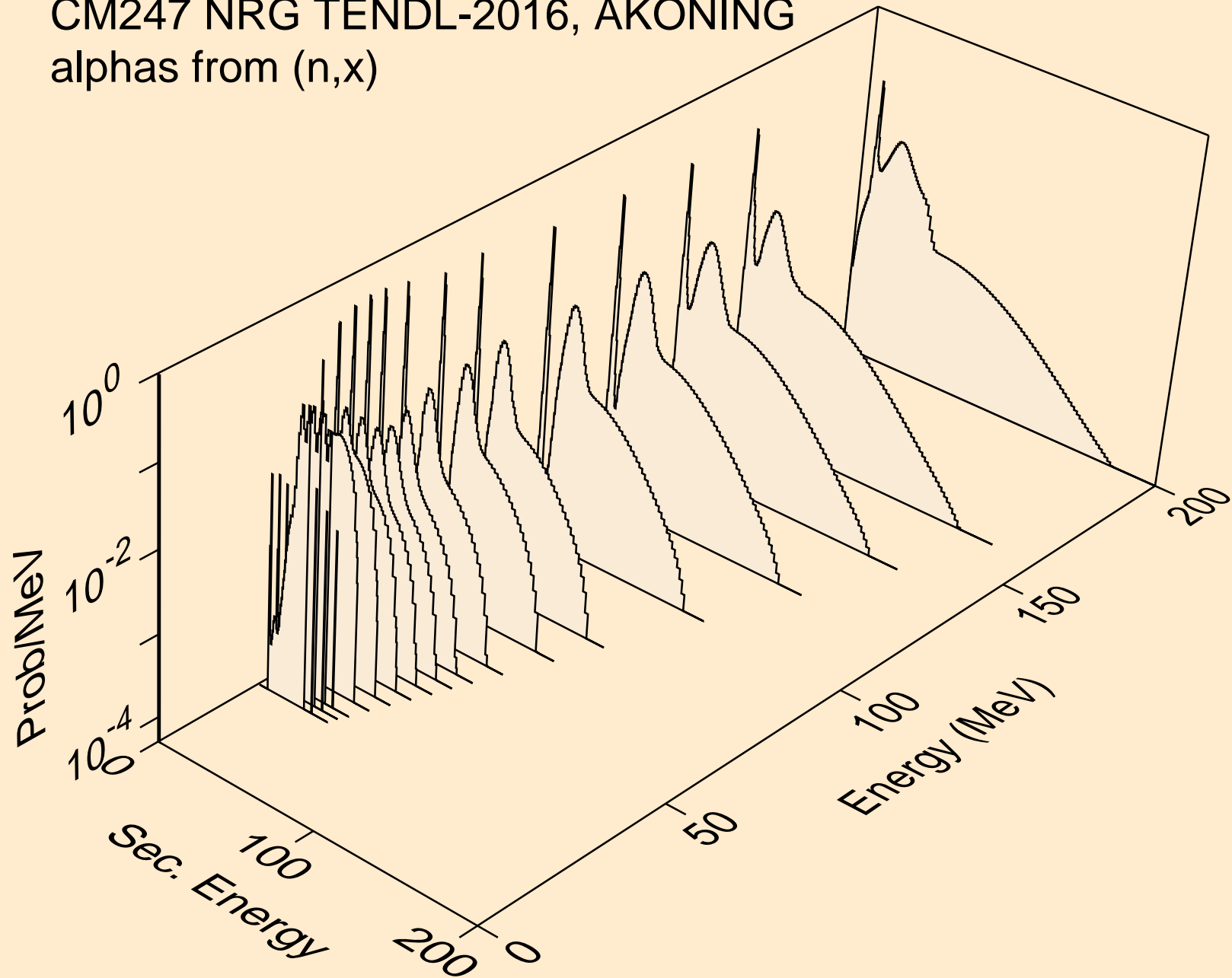
CM247 NRG TENDL-2016, AKONING  
he3s from (n,n\*)he3



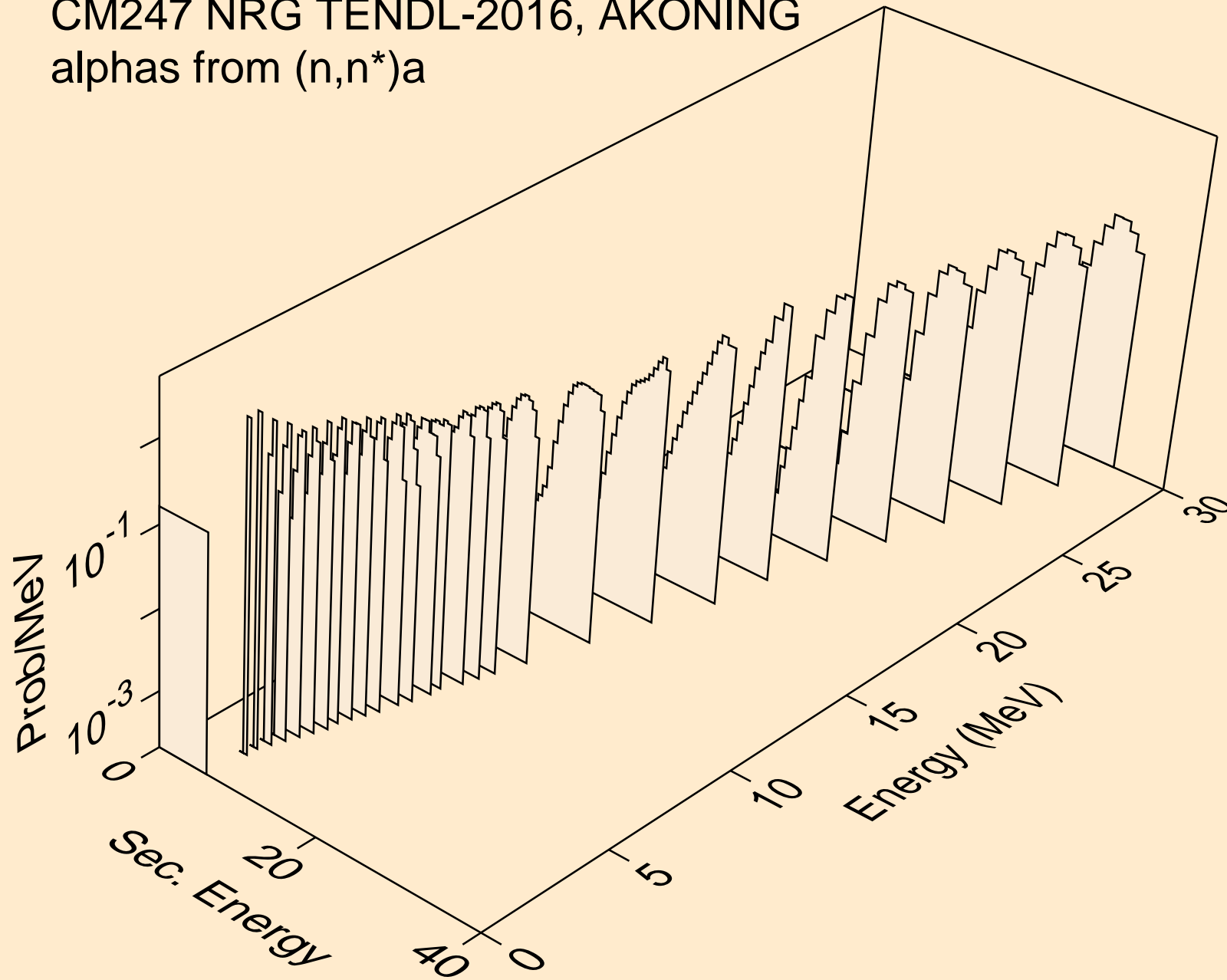
CM247 NRG TENDL-2016, AKONING  
he3s from (n,he3)



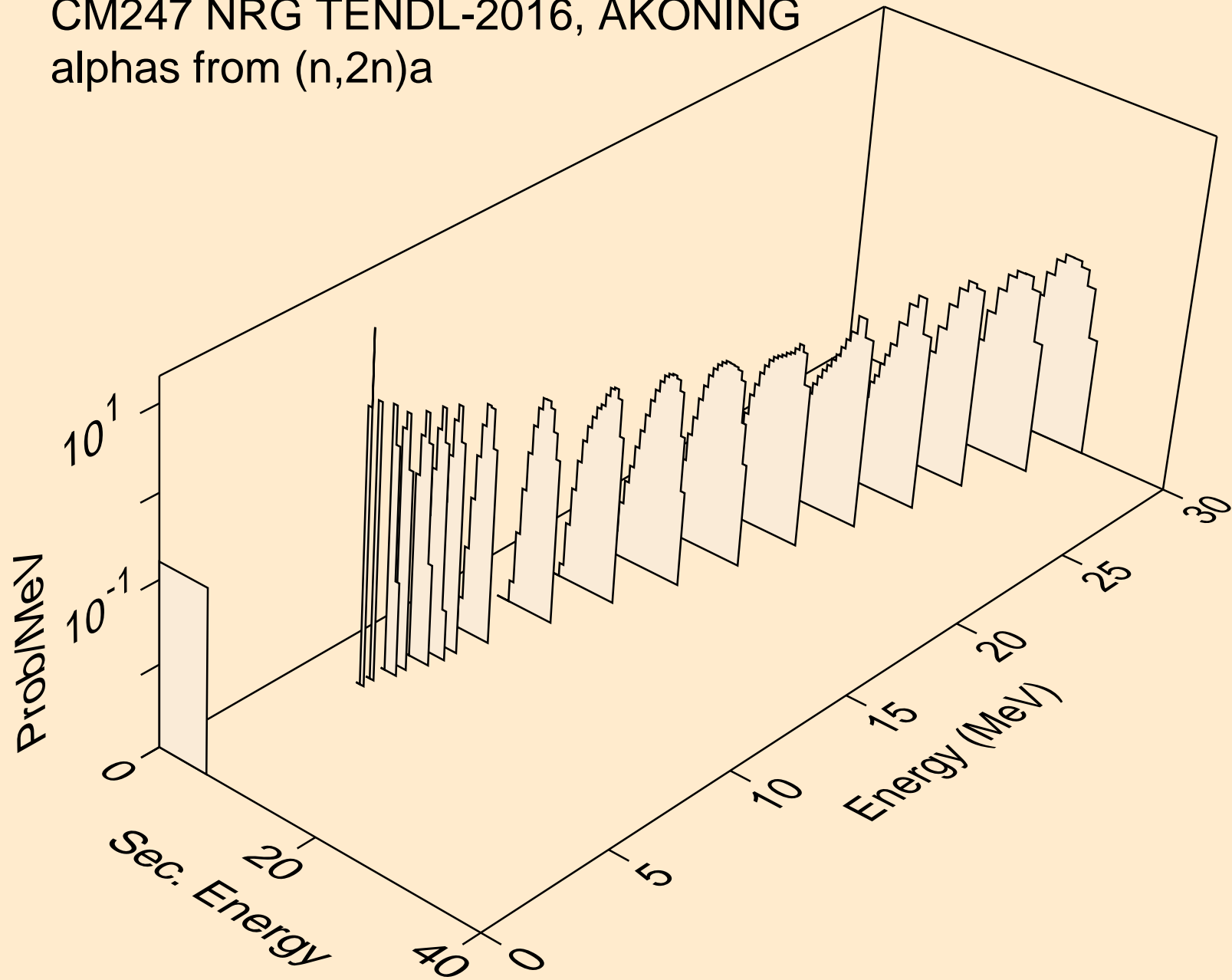
CM247 NRG TENDL-2016, AKONING  
alphas from (n,x)



CM247 NRG TENDL-2016, AKONING  
alphas from (n,n\*)a

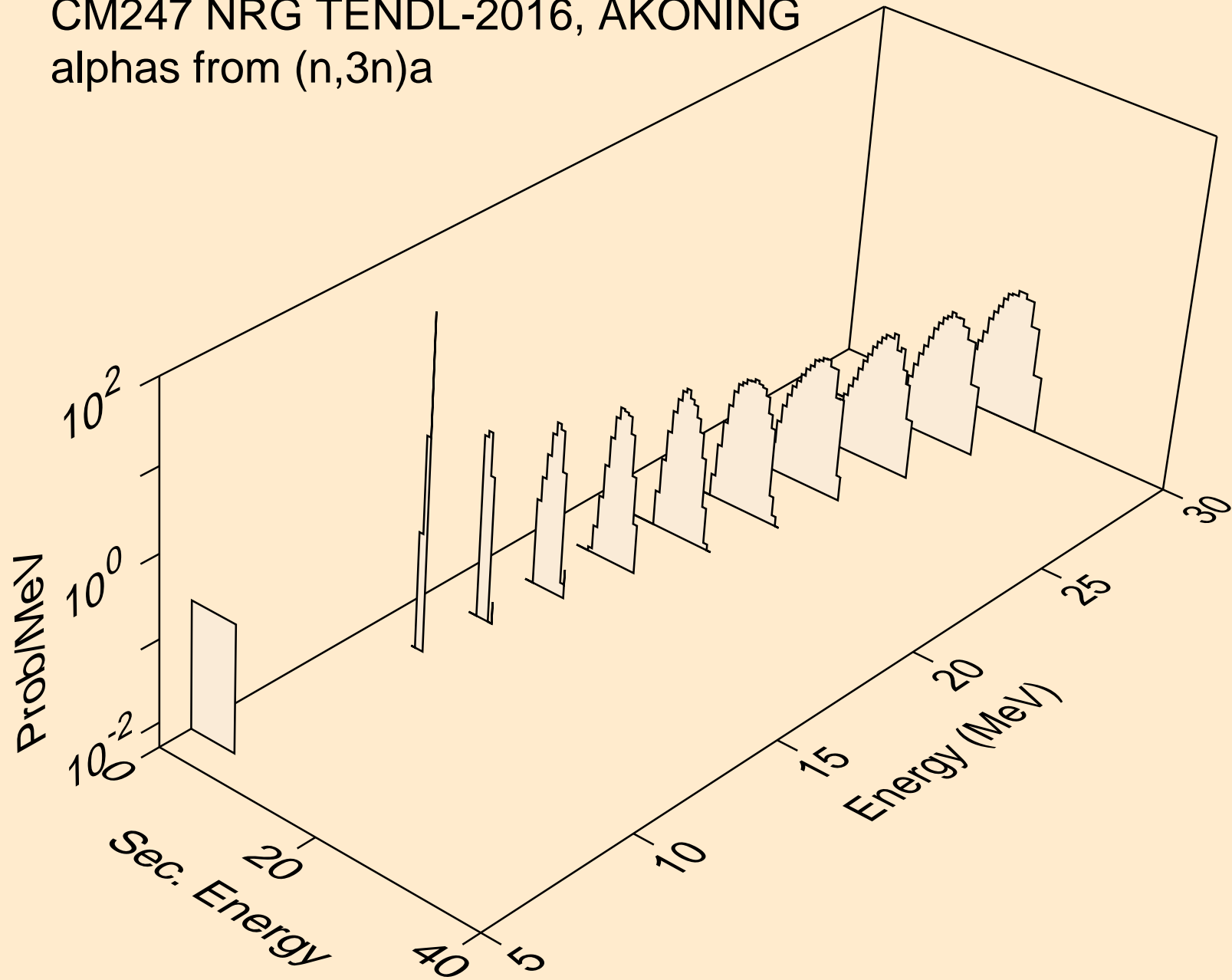


CM247 NRG TENDL-2016, AKONING  
alphas from (n,2n)a

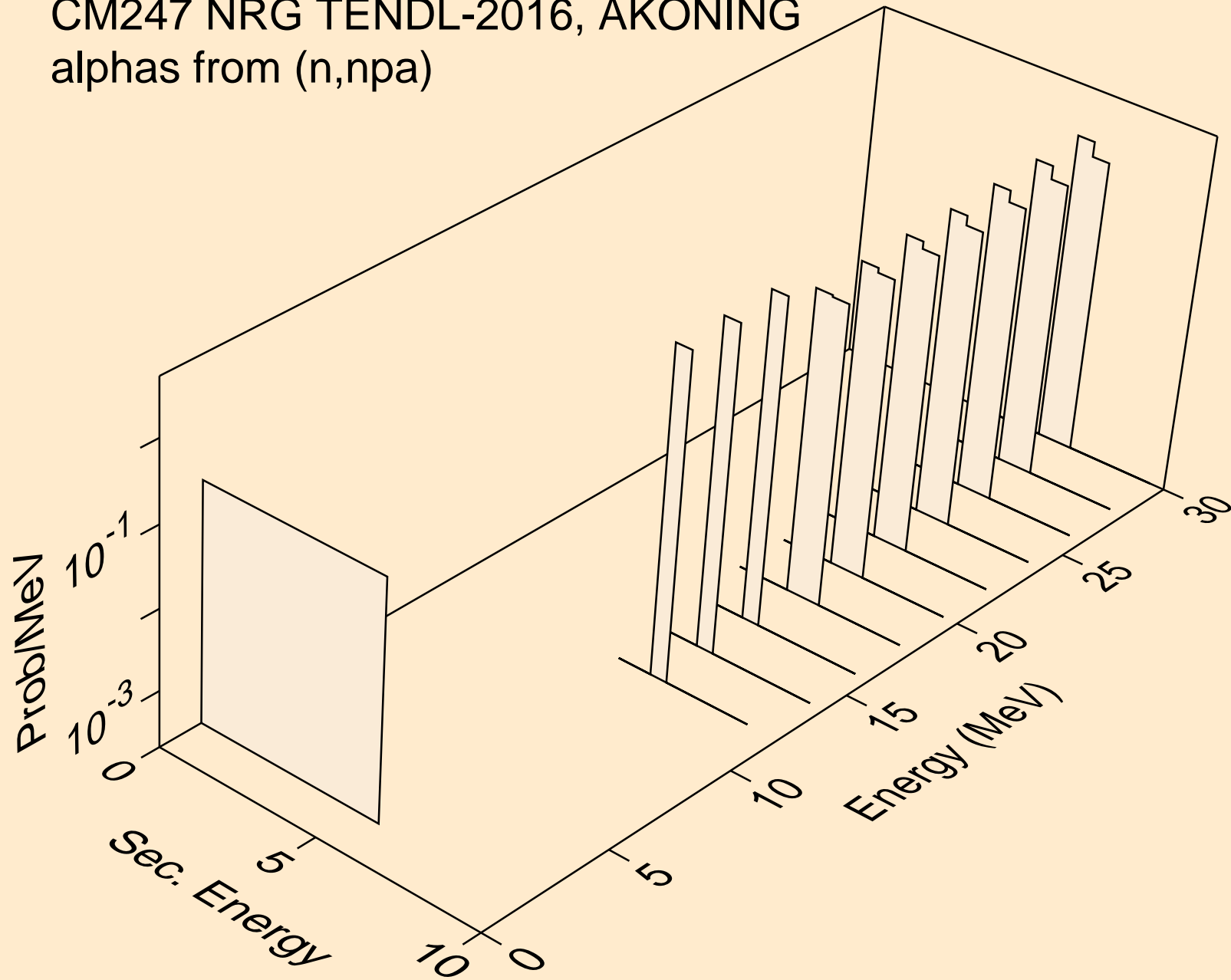




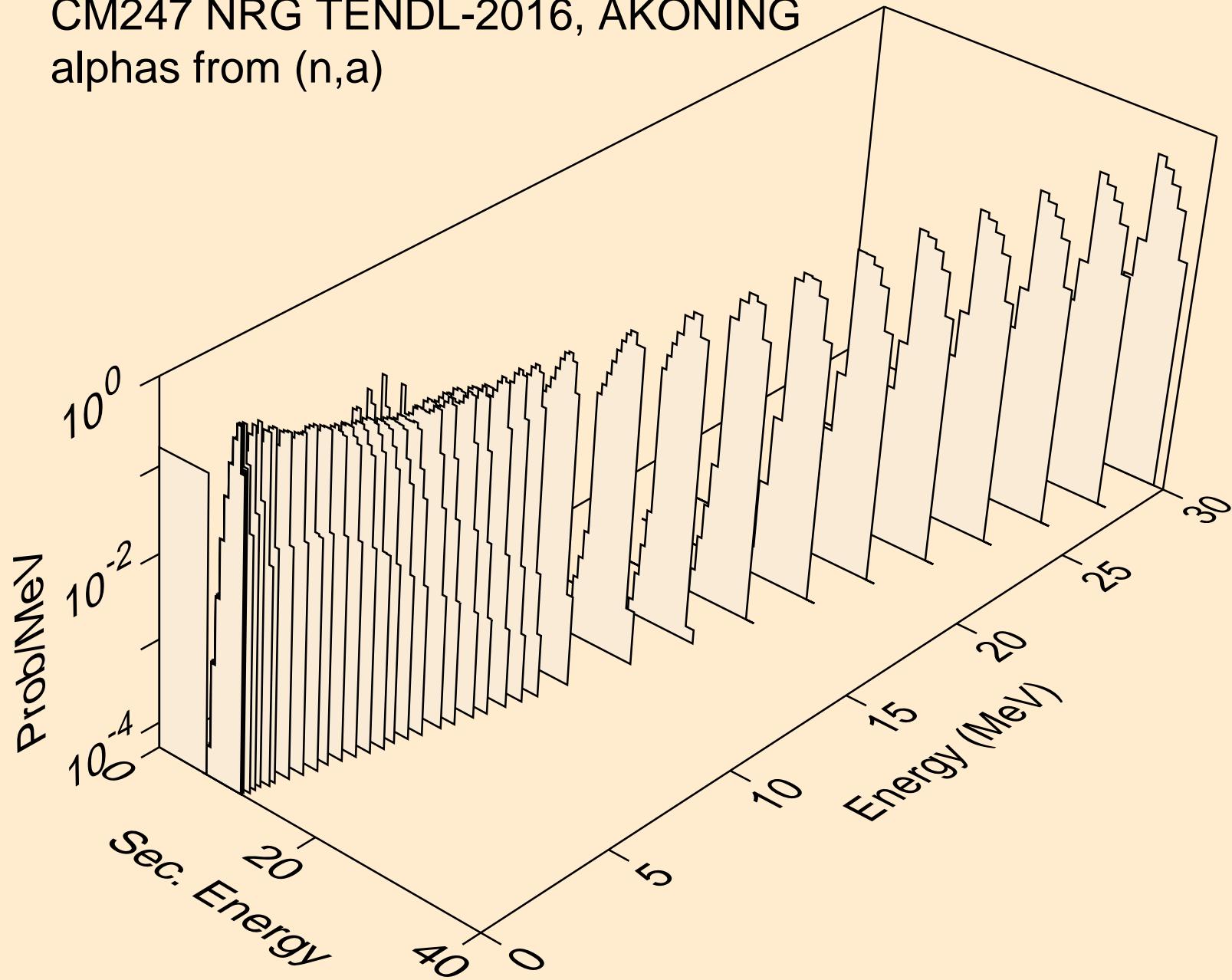
CM247 NRG TENDL-2016, AKONING  
alphas from (n,3n)a



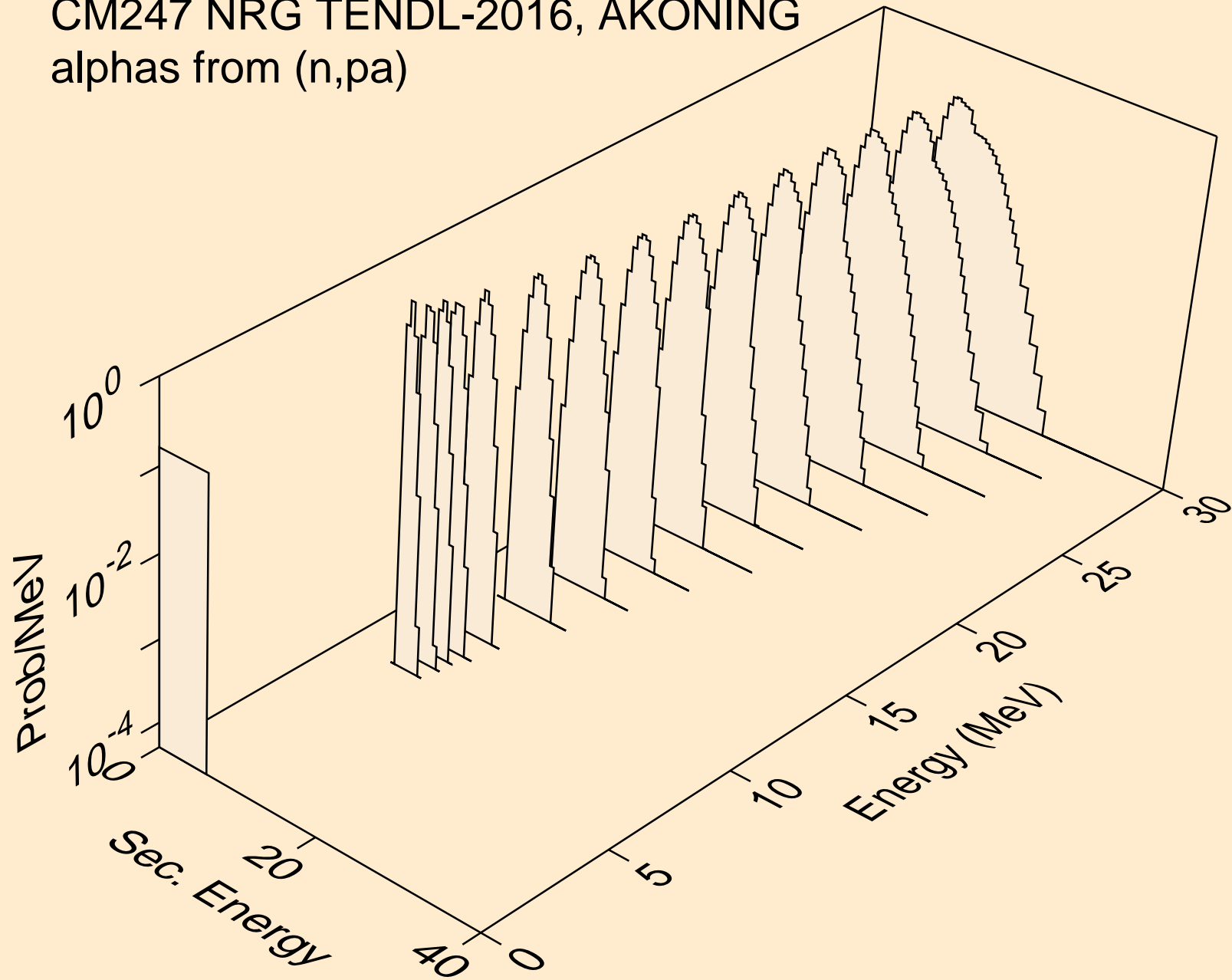
CM247 NRG TENDL-2016, AKONING  
alphas from (n,npa)



CM247 NRG TENDL-2016, AKONING  
alphas from (n,a)



CM247 NRG TENDL-2016, AKONING  
alphas from (n,pa)



CM247 NRG TENDL-2016, AKONING  
alphas from (n,da)

